



wwPDB X-ray Structure Validation Summary Report ⓘ

Sep 16, 2026 – 08:41 am BST

PDB ID : 5TGA / pdb_00005tga
Title : Crystal structure of the S.cerevisiae 80S ribosome in complex with the A-site bound aminoacyl-tRNA analog ACCA-Pro
Authors : Melnikov, S.; Mailliot, J.
Deposited on : 2016-09-27
Resolution : 3.30 Å(reported)

This is a wwPDB X-ray Structure Validation Summary Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/XrayValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity	:	FAILED
Mogul	:	1.8.4, CSD as541be (2020)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Buster-report	:	wwPDB partial adaption of 1.1.7 (2018)
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.015 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.50

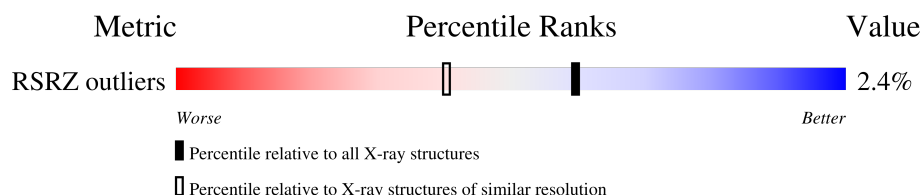
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.30 Å.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
RSRZ outliers	180081	1169 (3.32-3.28)

MolProbity failed to run properly - the sequence quality summary graphics cannot be shown.

The following table lists non-polymeric compounds, carbohydrate monomers and non-standard residues in protein, DNA, RNA chains that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
87	OHX	1	3665	-	-	-	X
87	OHX	1	3670	-	-	-	X
87	OHX	1	3671	-	-	-	X
87	OHX	1	3724	-	-	-	X
87	OHX	1	3729	-	-	-	X
87	OHX	1	3733	-	-	-	X
87	OHX	1	3738	-	-	-	X
87	OHX	1	3752	-	-	-	X
87	OHX	1	3765	-	-	-	X
87	OHX	1	3768	-	-	-	X
87	OHX	1	3779	-	-	-	X
87	OHX	1	3781	-	-	-	X
87	OHX	1	3799	-	-	-	X
87	OHX	1	3802	-	-	-	X
87	OHX	1	3804	-	-	-	X
87	OHX	2	2080	-	-	-	X
87	OHX	4	214	-	-	-	X
87	OHX	5	3632	-	-	-	X
87	OHX	5	3638	-	-	-	X
87	OHX	5	3654	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
87	OHX	5	3670	-	-	-	X
87	OHX	5	3684	-	-	-	X
87	OHX	5	3691	-	-	-	X
87	OHX	5	3708	-	-	-	X
87	OHX	5	3716	-	-	-	X
87	OHX	5	3726	-	-	-	X
87	OHX	5	3735	-	-	-	X
87	OHX	5	3737	-	-	-	X
87	OHX	5	3741	-	-	-	X
87	OHX	5	3744	-	-	-	X
87	OHX	5	3751	-	-	-	X
87	OHX	5	3752	-	-	-	X
87	OHX	5	3758	-	-	-	X
87	OHX	5	3759	-	-	-	X
87	OHX	5	3763	-	-	-	X
87	OHX	5	3764	-	-	-	X
87	OHX	5	3778	-	-	-	X
87	OHX	5	3781	-	-	-	X
87	OHX	5	3788	-	-	-	X
87	OHX	5	3793	-	-	-	X
87	OHX	5	3802	-	-	-	X
87	OHX	5	3807	-	-	-	X
87	OHX	5	3808	-	-	-	X
87	OHX	5	3814	-	-	-	X
87	OHX	6	2028	-	-	-	X
87	OHX	6	2042	-	-	-	X
87	OHX	6	2054	-	-	-	X
87	OHX	6	2060	-	-	-	X
87	OHX	6	2064	-	-	-	X
87	OHX	6	2068	-	-	-	X
87	OHX	6	2075	-	-	-	X
87	OHX	6	2087	-	-	-	X
87	OHX	6	2089	-	-	-	X
87	OHX	6	2095	-	-	-	X
87	OHX	6	2097	-	-	-	X
87	OHX	7	211	-	-	-	X
87	OHX	8	215	-	-	-	X
87	OHX	M0	303	-	-	-	X
87	OHX	m0	302	-	-	-	X
87	OHX	n3	202	-	-	-	X
87	OHX	o9	101	-	-	-	X
88	MG	1	3852	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
88	MG	1	3921	-	-	-	X
88	MG	1	4099	-	-	-	X
88	MG	2	2093	-	-	-	X
88	MG	2	2096	-	-	-	X
88	MG	2	2101	-	-	-	X
88	MG	2	2114	-	-	-	X
88	MG	2	2128	-	-	-	X
88	MG	2	2140	-	-	-	X
88	MG	2	2156	-	-	-	X
88	MG	2	2162	-	-	-	X
88	MG	2	2173	-	-	-	X
88	MG	2	2225	-	-	-	X
88	MG	3	229	-	-	-	X
88	MG	5	4067	-	-	-	X
88	MG	5	4182	-	-	-	X
88	MG	5	4512	-	-	-	X
88	MG	6	2143	-	-	-	X
88	MG	6	2305	-	-	-	X
88	MG	E1	502	-	-	-	X
88	MG	M5	305	-	-	-	X

2 Entry composition

There are 90 unique types of molecules in this entry. The entry contains 414270 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a RNA chain called 18S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	2	1781	Total	C	N	O	P	0	1	0
			37970	16975	6720	12493	1782			

- Molecule 2 is a protein called 40S ribosomal protein S0-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	S0	206	Total	C	N	O	S	0	0	0
			1577	1014	278	283	2			
2	s0	206	Total	C	N	O	S	0	0	0
			1583	1017	281	283	2			

- Molecule 3 is a protein called Small ribosomal subunit protein eS1A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
3	S1	214	Total	C	N	O	S	0	0	0
			1709	1084	310	311	4			
3	s1	216	Total	C	N	O	S	0	0	0
			1722	1091	312	315	4			

- Molecule 4 is a protein called Small ribosomal subunit protein uS5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
4	S2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			
4	s2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			

- Molecule 5 is a protein called Small ribosomal subunit protein uS3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	S3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	s3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			

- Molecule 6 is a protein called Small ribosomal subunit protein eS4A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	S4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			
6	s4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			

- Molecule 7 is a protein called Rps5p.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	S5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			
7	s5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			

- Molecule 8 is a protein called Small ribosomal subunit protein eS6A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	S6	226	Total	C	N	O	S	0	0	0
			1799	1129	346	321	3			
8	s6	218	Total	C	N	O	S	0	0	0
			1755	1102	337	313	3			

- Molecule 9 is a protein called Small ribosomal subunit protein eS7A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
9	S7	184	Total	C	N	O	0	0	0
			1481	951	265	265			
9	s7	186	Total	C	N	O	0	0	0
			1491	957	267	267			

- Molecule 10 is a protein called Small ribosomal subunit protein eS8A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
10	S8	188	Total	C	N	O	0	0	0
			1489	925	298	264			
10	s8	188	Total	C	N	O	0	0	0
			1489	925	298	264			

- Molecule 11 is a protein called Small ribosomal subunit protein uS4A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	S9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			
11	s9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			

- Molecule 12 is a protein called Small ribosomal subunit protein eS10A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	C0	96	Total	C	N	O	S	0	0	0
			772	499	126	145	2			

- Molecule 13 is a protein called Small ribosomal subunit protein uS17A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	C1	155	Total	C	N	O	S	0	0	0
			1213	774	230	206	3			
13	c1	146	Total	C	N	O	S	0	0	0
			1168	747	221	197	3			

- Molecule 14 is a protein called Small ribosomal subunit protein eS12.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
14	C2	124	Total	C	N	O	S	0	0	0
			890	560	156	172	2			
14	c2	124	Total	C	N	O	S	0	0	0
			890	560	156	172	2			

- Molecule 15 is a protein called 40S ribosomal protein S13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
15	C3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			
15	c3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			

- Molecule 16 is a protein called Small ribosomal subunit protein uS11B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	C4	127	Total	C	N	O	S	0	0	0
			891	545	182	163	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	c4	128	Total	C	N	O	S	0	0	0
			949	582	188	176	3			

- Molecule 17 is a protein called Small ribosomal subunit protein uS19.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	C5	124	Total	C	N	O	S	0	0	0
			977	622	182	166	7			
17	c5	135	Total	C	N	O	S	0	0	0
			1039	658	196	178	7			

- Molecule 18 is a protein called Small ribosomal subunit protein uS9A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
18	C6	141	Total	C	N	O	S	0	0	0
			1105	708	203	194				
18	c6	142	Total	C	N	O	S	0	0	0
			1111	711	204	196				

- Molecule 19 is a protein called 40S ribosomal protein S17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
19	C7	120	Total	C	N	O	S	0	0	0
			926	577	177	170	2			
19	c7	117	Total	C	N	O	S	0	0	0
			906	563	174	167	2			

- Molecule 20 is a protein called 40S ribosomal protein S18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	C8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			
20	c8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			

- Molecule 21 is a protein called 40S ribosomal protein S19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
21	C9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			
21	c9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			

- Molecule 22 is a protein called Small ribosomal subunit protein uS10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
22	D0	107	Total	C	N	O	S	0	0	0
			855	539	156	159	1			
22	d0	110	Total	C	N	O	S	0	0	0
			882	554	161	166	1			

- Molecule 23 is a protein called 40S ribosomal protein S21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
23	D1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			
23	d1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			

- Molecule 24 is a protein called 40S ribosomal protein S22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
24	D2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			
24	d2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			

- Molecule 25 is a protein called 40S ribosomal protein S23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
25	D3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			
25	d3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			

- Molecule 26 is a protein called 40S ribosomal protein S24-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
26	D4	134	Total	C	N	O	0	0	0
			1073	676	208	189			
26	d4	134	Total	C	N	O	0	0	0
			1073	676	208	189			

- Molecule 27 is a protein called Small ribosomal subunit protein eS25A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
27	D5	70	Total	C	N	O	0	0	0
			563	360	104	99			
27	d5	69	Total	C	N	O	0	0	0
			558	357	103	98			

- Molecule 28 is a protein called 40S ribosomal protein S26-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	D6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			
28	d6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			

- Molecule 29 is a protein called 40S ribosomal protein S27-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	D7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			
29	d7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			

- Molecule 30 is a protein called 40S ribosomal protein S28-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	D8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			
30	d8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			

- Molecule 31 is a protein called 40S ribosomal protein S29-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
31	D9	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			
31	d9	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			

- Molecule 32 is a protein called Small ribosomal subunit protein eS30A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	E0	60	Total	C	N	O	S	0	0	0
			475	299	98	77	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	e0	62	Total	C	N	O	S	0	0	0
			491	309	101	80	1			

- Molecule 33 is a protein called Small ribosomal subunit protein eS31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
33	E1	71	Total	C	N	O	S	0	0	0
			566	362	106	94	4			
33	e1	76	Total	C	N	O	S	0	0	0
			608	388	117	99	4			

- Molecule 34 is a protein called Small ribosomal subunit protein RACK1.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
34	SR	318	Total	C	N	O	S	0	0	0
			2437	1541	418	470	8			
34	sR	318	Total	C	N	O	S	0	0	0
			2442	1544	418	472	8			

- Molecule 35 is a protein called Suppressor protein STM1,Suppressor protein STM1,Suppressor protein STM1,Ribosome-bound protein Stm1.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
35	SM	159	Total	C	N	O		0	0	0
			1104	654	221	229				

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
SM	134	LEU	ASP	conflict	UNP P39015

- Molecule 36 is a RNA chain called 25S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	1	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			
36	5	3150	Total	C	N	O	P	0	0	0
			67376	30095	12145	21987	3149			

- Molecule 37 is a RNA chain called 5S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
37	3	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			
37	7	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			

- Molecule 38 is a RNA chain called 5.8S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
38	4	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			
38	8	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			

- Molecule 39 is a protein called 60S ribosomal protein L2-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
39	L2	252	Total	C	N	O	S	0	0	0
			1914	1191	388	334	1			
39	l2	252	Total	C	N	O	S	0	0	0
			1912	1190	388	333	1			

- Molecule 40 is a protein called 60S ribosomal protein L3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
40	L3	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			
40	l3	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			

- Molecule 41 is a protein called 60S ribosomal protein L4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
41	L4	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			
41	l4	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			

- Molecule 42 is a protein called 60S ribosomal protein L5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	L5	296	Total	C	N	O	S	0	0	0
			2375	1501	414	458	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	l5	294	Total	C	N	O	S	0	0	0
			2359	1489	412	456	2			

- Molecule 43 is a protein called Large ribosomal subunit protein eL6A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
43	L6	156	Total	C	N	O	S	0	0	0
			1239	800	222	216	1			
43	l6	157	Total	C	N	O	S	0	0	0
			1248	806	224	217	1			

- Molecule 44 is a protein called Large ribosomal subunit protein uL30A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
44	L7	222	Total	C	N	O	S	0	0	0
			1784	1151	324	308	1			
44	l7	223	Total	C	N	O	S	0	0	0
			1791	1155	325	310	1			

- Molecule 45 is a protein called 60S ribosomal protein L8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	L8	233	Total	C	N	O	S	0	0	0
			1804	1151	323	327	3			
45	l8	231	Total	C	N	O	S	0	0	0
			1763	1130	316	314	3			

- Molecule 46 is a protein called 60S ribosomal protein L9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
46	L9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			
46	l9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			

- Molecule 47 is a protein called 60S ribosomal protein L10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
47	M0	211	Total	C	N	O	S	0	0	0
			1705	1083	322	294	6			
47	m0	213	Total	C	N	O	S	0	0	0
			1722	1094	325	297	6			

- Molecule 48 is a protein called 60S ribosomal protein L11-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
48	M1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			
48	m1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			

- Molecule 49 is a protein called Large ribosomal subunit protein eL13A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
49	M3	193	Total	C	N	O		0	0	0
			1543	962	315	266				
49	m3	194	Total	C	N	O		0	0	0
			1548	965	316	267				

- Molecule 50 is a protein called Large ribosomal subunit protein eL14A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
50	M4	136	Total	C	N	O	S	0	0	0
			1053	675	199	177	2			
50	m4	137	Total	C	N	O	S	0	0	0
			1059	678	200	179	2			

- Molecule 51 is a protein called 60S ribosomal protein L15-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
51	M5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			
51	m5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			

- Molecule 52 is a protein called 60S ribosomal protein L16-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	M6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			
52	m6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			

- Molecule 53 is a protein called 60S ribosomal protein L17-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
53	M7	183	Total	C	N	O	0	0	0
			1420	882	281	257			
53	m7	155	Total	C	N	O	0	0	0
			1227	764	238	225			

- Molecule 54 is a protein called 60S ribosomal protein L18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
54	M8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			
54	m8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			

- Molecule 55 is a protein called 60S ribosomal protein L19-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
55	M9	188	Total	C	N	O	0	0	0
			1521	935	326	260			
55	m9	188	Total	C	N	O	0	0	0
			1521	935	326	260			

- Molecule 56 is a protein called 60S ribosomal protein L20-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
56	N0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			
56	n0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			

- Molecule 57 is a protein called 60S ribosomal protein L21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
57	N1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			
57	n1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			

- Molecule 58 is a protein called 60S ribosomal protein L22-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
58	N2	100	Total	C	N	O	0	0	0
			796	516	131	149			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
58	n2	98	Total	C	N	O	0	0	0
			778	505	127	146			

- Molecule 59 is a protein called 60S ribosomal protein L23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
59	N3	136	Total 1003	C 628	N 189	O 179	S 7	0	0	0
59	n3	136	Total 1003	C 628	N 189	O 179	S 7	0	0	0

- Molecule 60 is a protein called Large ribosomal subunit protein eL24A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
60	N4	98	Total	C	N	O	S	0	0	0
			699	443	137	118	1			
60	n4	135	Total	C	N	O	S	0	0	0
			1038	651	206	180	1			

- Molecule 61 is a protein called 60S ribosomal protein L25.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
61	N5	121	Total	C	N	O	S	0	0	0
			964	620	169	173	2			
61	n5	120	Total	C	N	O	S	0	0	0
			959	617	168	172	2			

- Molecule 62 is a protein called Large ribosomal subunit protein uL24A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
62	N6	126	Total	C	N	O	0	0	0
			993	625	192	176			
62	n6	126	Total	C	N	O	0	0	0
			993	625	192	176			

- Molecule 63 is a protein called 60S ribosomal protein L27-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
63	N7	135	Total	C	N	O	0	0	0
			1092	710	202	180			
63	n7	135	Total	C	N	O	0	0	0
			1092	710	202	180			

- Molecule 64 is a protein called 60S ribosomal protein L28.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
64	N8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			
64	n8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			

- Molecule 65 is a protein called 60S ribosomal protein L29.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
65	N9	58	Total	C	N	O	0	0	0
			462	289	100	73			
65	n9	58	Total	C	N	O	0	0	0
			462	289	100	73			

- Molecule 66 is a protein called Large ribosomal subunit protein eL30.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
66	O0	97	Total	C	N	O	S	0	0	0
			743	479	124	139	1			
66	o0	100	Total	C	N	O	S	0	0	0
			767	492	128	146	1			

- Molecule 67 is a protein called 60S ribosomal protein L31-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
67	O1	109	Total	C	N	O	S	0	0	0
			876	556	167	152	1			
67	o1	109	Total	C	N	O	S	0	0	0
			883	559	167	156	1			

- Molecule 68 is a protein called 60S ribosomal protein L32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
68	O2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			
68	o2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			

- Molecule 69 is a protein called 60S ribosomal protein L33-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
69	O3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			
69	o3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			

- Molecule 70 is a protein called 60S ribosomal protein L34-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
70	O4	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			
70	o4	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			

- Molecule 71 is a protein called 60S ribosomal protein L35-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
71	O5	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			
71	o5	119	Total	C	N	O	S	0	0	0
			965	612	185	167	1			

- Molecule 72 is a protein called 60S ribosomal protein L36-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
72	O6	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			
72	o6	99	Total	C	N	O	S	0	0	0
			770	481	156	131	2			

- Molecule 73 is a protein called 60S ribosomal protein L37-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
73	O7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			
73	o7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			

- Molecule 74 is a protein called 60S ribosomal protein L38.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
74	O8	77	Total	C	N	O	0	0	0
			612	391	115	106			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
74	o8	77	Total	C	N	O	0	0	0
			608	388	114	106			

- Molecule 75 is a protein called 60S ribosomal protein L39.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
75	O9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			
75	o9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			

- Molecule 76 is a protein called 60S ribosomal protein L40-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
76	Q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			
76	q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			

- Molecule 77 is a protein called Large ribosomal subunit protein eL41B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
77	Q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			
77	q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			

- Molecule 78 is a protein called 60S ribosomal protein L42-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
78	Q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			
78	q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			

- Molecule 79 is a protein called 60S ribosomal protein L43-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
79	Q3	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			
79	q3	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			

- Molecule 80 is a RNA chain called 18S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	6	1795	Total	C	N	O	P	0	1	0
			38260	17105	6763	12596	1796			

- Molecule 81 is a protein called Small ribosomal subunit protein eS10A,40S ribosomal protein S10-A,40S ribosomal protein S10-A,40S Ribosomal Protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
81	c0	96	Total	C	N	O	S	0	0	0
			762	491	125	144	2			

- Molecule 82 is a protein called Suppressor protein STM1,Suppressor protein STM1,Suppressor protein STM1,Ribosome-bound protein Stm1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
82	sM	104	Total	C	N	O	0	0	0
			681	404	140	137			

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
sM	59	ALA	GLY	conflict	UNP P39015

- Molecule 83 is a protein called 60S Ribosomal Protein L12.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
83	m2	150	Total	C	N	O	0	0	0
			750	450	150	150			

- Molecule 84 is a protein called Large ribosomal subunit protein uL10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
84	p0	143	Total	C	N	O	S	0	0	0
			1077	687	192	195	3			

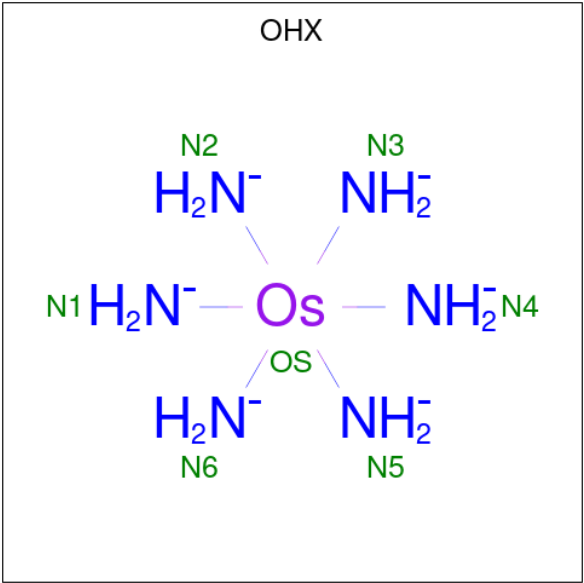
- Molecule 85 is a protein called 60S Ribosomal Protein P1/2.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
85	p1	47	Total	C	N	O	0	0	0
			235	141	47	47			
85	p2	46	Total	C	N	O	0	0	0
			230	138	46	46			

- Molecule 86 is a RNA chain called Peptidyl-tRNA analog ACCA-Pro.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
86	A	3	Total	C	N	O	P	0	0	0
			62	28	12	19	3			
86	B	3	Total	C	N	O	P	0	0	0
			62	28	12	19	3			

- Molecule 87 is osmium (III) hexammine (CCD ID: OHX) (formula: H₁₂N₆Os).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	3	1	Total	N	Os	0	0
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87	3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	3	1	Total	N	Os	0	0
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87	L3	1	Total	N	Os	0	0
			7	6	1		
87	L3	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	L3	1	Total 7	N 6	Os 1	0	0
87	L4	1	Total 7	N 6	Os 1	0	0
87	L5	1	Total 7	N 6	Os 1	0	0
87	M0	1	Total 7	N 6	Os 1	0	0
87	M0	1	Total 7	N 6	Os 1	0	0
87	M0	1	Total 7	N 6	Os 1	0	0
87	M0	1	Total 7	N 6	Os 1	0	0
87	M5	1	Total 7	N 6	Os 1	0	0
87	M7	1	Total 7	N 6	Os 1	0	0
87	M8	1	Total 7	N 6	Os 1	0	0
87	M9	1	Total 7	N 6	Os 1	0	0
87	M9	1	Total 7	N 6	Os 1	0	0
87	M9	1	Total 7	N 6	Os 1	0	0
87	N8	1	Total 7	N 6	Os 1	0	0
87	N9	1	Total 7	N 6	Os 1	0	0
87	O1	1	Total 7	N 6	Os 1	0	0
87	O3	1	Total 7	N 6	Os 1	0	0
87	O7	1	Total 7	N 6	Os 1	0	0
87	O7	1	Total 7	N 6	Os 1	0	0
87	Q2	1	Total 7	N 6	Os 1	0	0
87	6	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total 7	N 6	Os 1	0	0
87	6	1	Total 7	N 6	Os 1	0	0
87	6	1	Total 7	N 6	Os 1	0	0
87	6	1	Total 7	N 6	Os 1	0	0
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87	6	1	Total 7	N 6	Os 1	0	0
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87	s1	1	Total 7	N 6	Os 1	0	0
87	s4	1	Total 7	N 6	Os 1	0	0
87	s8	1	Total 7	N 6	Os 1	0	0
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87	c5	1	Total 7	N 6	Os 1	0	0
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87	d9	1	Total 7	N 6	Os 1	0	0
87	sR	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	2	0
87	5	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	1	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	12	1	Total	N	Os	0	0
			7	6	1		
87	13	1	Total	N	Os	0	0
			7	6	1		
87	13	1	Total	N	Os	0	0
			7	6	1		
87	14	1	Total	N	Os	0	0
			7	6	1		
87	14	1	Total	N	Os	0	0
			7	6	1		
87	15	1	Total	N	Os	0	0
			7	6	1		
87	15	1	Total	N	Os	0	0
			7	6	1		
87	15	1	Total	N	Os	0	0
			7	6	1		
87	19	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m1	1	Total	N	Os	0	0
			7	6	1		
87	m4	1	Total	N	Os	0	0
			7	6	1		
87	m5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	m5	1	Total	N	Os	0	0
			7	6	1		
87	m7	1	Total	N	Os	0	0
			7	6	1		
87	m9	1	Total	N	Os	0	0
			7	6	1		
87	n1	1	Total	N	Os	0	0
			7	6	1		
87	n3	1	Total	N	Os	0	0
			7	6	1		
87	n3	1	Total	N	Os	0	0
			7	6	1		
87	n9	1	Total	N	Os	0	0
			7	6	1		
87	o3	1	Total	N	Os	0	0
			7	6	1		
87	o7	1	Total	N	Os	0	0
			7	6	1		
87	o7	1	Total	N	Os	0	0
			7	6	1		
87	o9	1	Total	N	Os	0	0
			7	6	1		
87	q1	1	Total	N	Os	0	0
			7	6	1		
87	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 88 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	2	170	Total	Mg	0	0
			170	170		
88	S1	1	Total	Mg	0	0
			1	1		
88	S2	1	Total	Mg	0	0
			1	1		
88	S4	2	Total	Mg	0	0
			2	2		
88	S6	1	Total	Mg	0	0
			1	1		
88	S8	1	Total	Mg	0	0
			1	1		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	C1	2	Total 2	Mg 2	0	0
88	C5	1	Total 1	Mg 1	0	0
88	C8	1	Total 1	Mg 1	0	0
88	D0	1	Total 1	Mg 1	0	0
88	D4	1	Total 1	Mg 1	0	0
88	D6	1	Total 1	Mg 1	0	0
88	D9	3	Total 3	Mg 3	0	0
88	E1	1	Total 1	Mg 1	0	0
88	SM	1	Total 1	Mg 1	0	0
88	1	698	Total 698	Mg 698	0	0
88	3	18	Total 18	Mg 18	0	0
88	4	28	Total 28	Mg 28	0	0
88	L2	3	Total 3	Mg 3	0	0
88	L3	5	Total 5	Mg 5	0	0
88	L4	7	Total 7	Mg 7	0	0
88	L7	3	Total 3	Mg 3	0	0
88	L8	1	Total 1	Mg 1	0	0
88	M0	5	Total 5	Mg 5	0	0
88	M1	2	Total 2	Mg 2	0	0
88	M3	3	Total 3	Mg 3	0	0
88	M4	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	M5	4	Total 4	Mg 4	0	0
88	M6	4	Total 4	Mg 4	0	0
88	M7	10	Total 10	Mg 10	0	0
88	M8	3	Total 3	Mg 3	0	0
88	M9	2	Total 2	Mg 2	0	0
88	N0	2	Total 2	Mg 2	0	0
88	N1	1	Total 1	Mg 1	0	0
88	N3	3	Total 3	Mg 3	0	0
88	N6	2	Total 2	Mg 2	0	0
88	N8	7	Total 7	Mg 7	0	0
88	N9	1	Total 1	Mg 1	0	0
88	O1	5	Total 5	Mg 5	0	0
88	O2	4	Total 4	Mg 4	0	0
88	O3	2	Total 2	Mg 2	0	0
88	O4	1	Total 1	Mg 1	0	0
88	O5	2	Total 2	Mg 2	0	0
88	O7	6	Total 6	Mg 6	0	0
88	Q0	2	Total 2	Mg 2	0	0
88	Q2	3	Total 3	Mg 3	0	0
88	6	235	Total 235	Mg 235	0	0
88	s1	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	s4	1	Total 1	Mg 1	0	0
88	s6	2	Total 2	Mg 2	0	0
88	s8	4	Total 4	Mg 4	0	0
88	c6	2	Total 2	Mg 2	0	0
88	c7	1	Total 1	Mg 1	0	0
88	c8	4	Total 4	Mg 4	0	0
88	c9	3	Total 3	Mg 3	0	0
88	d2	1	Total 1	Mg 1	0	0
88	d3	2	Total 2	Mg 2	0	0
88	d4	2	Total 2	Mg 2	0	0
88	d5	1	Total 1	Mg 1	0	0
88	d9	2	Total 2	Mg 2	0	0
88	sM	2	Total 2	Mg 2	0	0
88	5	759	Total 759	Mg 759	0	0
88	7	28	Total 28	Mg 28	0	0
88	8	19	Total 19	Mg 19	0	0
88	12	6	Total 6	Mg 6	0	0
88	13	13	Total 13	Mg 13	0	0
88	14	1	Total 1	Mg 1	0	0
88	15	6	Total 6	Mg 6	0	0
88	17	7	Total 7	Mg 7	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	l8	1	Total 1	Mg 1	0	0
88	l9	3	Total 3	Mg 3	0	0
88	m0	1	Total 1	Mg 1	0	0
88	m3	1	Total 1	Mg 1	0	0
88	m4	1	Total 1	Mg 1	0	0
88	m5	3	Total 3	Mg 3	0	0
88	m6	4	Total 4	Mg 4	0	0
88	m7	8	Total 8	Mg 8	0	0
88	m8	4	Total 4	Mg 4	0	0
88	m9	1	Total 1	Mg 1	0	0
88	n0	5	Total 5	Mg 5	0	0
88	n1	3	Total 3	Mg 3	0	0
88	n3	3	Total 3	Mg 3	0	0
88	n6	1	Total 1	Mg 1	0	0
88	n8	7	Total 7	Mg 7	0	0
88	n9	2	Total 2	Mg 2	0	0
88	o2	3	Total 3	Mg 3	0	0
88	o3	4	Total 4	Mg 4	0	0
88	o4	1	Total 1	Mg 1	0	0
88	o6	1	Total 1	Mg 1	0	0
88	o7	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	q0	1	Total 1	Mg 1	0	0
88	q1	2	Total 2	Mg 2	0	0
88	q2	1	Total 1	Mg 1	0	0
88	q3	1	Total 1	Mg 1	0	0
88	p0	1	Total 1	Mg 1	0	0

- Molecule 89 is ZINC ION (CCD ID: ZN) (formula: Zn).

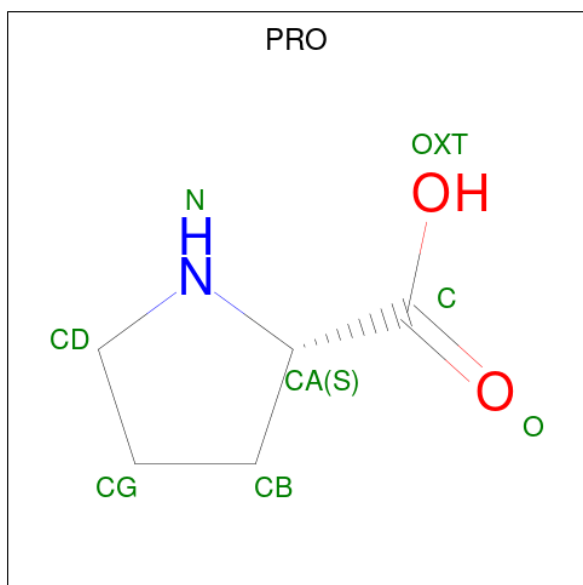
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
89	D6	1	Total 1	Zn 1	0	0
89	D7	1	Total 1	Zn 1	0	0
89	D9	1	Total 1	Zn 1	0	0
89	E1	1	Total 1	Zn 1	0	0
89	O7	1	Total 1	Zn 1	0	0
89	Q0	1	Total 1	Zn 1	0	0
89	Q2	1	Total 1	Zn 1	0	0
89	Q3	1	Total 1	Zn 1	0	0
89	d6	1	Total 1	Zn 1	0	0
89	d7	1	Total 1	Zn 1	0	0
89	d9	1	Total 1	Zn 1	0	0
89	e1	1	Total 1	Zn 1	0	0
89	o7	1	Total 1	Zn 1	0	0
89	q0	1	Total 1	Zn 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
89	q2	1	Total	Zn	0	0
			1	1		
89	q3	1	Total	Zn	0	0
			1	1		

- Molecule 90 is PROLINE (CCD ID: PRO) (formula: $C_5H_9NO_2$).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
90	A	1	Total	C	N	O	0	0
			7	5	1	1		
90	B	1	Total	C	N	O	0	0
			7	5	1	1		

MolProbity failed to run properly - this section is therefore empty.

3 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	435.45Å 288.14Å 304.16Å 90.00° 99.11° 90.00°	Depositor
Resolution (Å)	149.31 – 3.30 149.31 – 3.30	Depositor EDS
% Data completeness (in resolution range)	92.3 (149.31-3.30) 92.3 (149.31-3.30)	Depositor EDS
R_{merge}	0.33	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.38 (at 3.33Å)	Xtriage
Refinement program	PHENIX 1.10.1_2155	Depositor
R, R_{free}	0.211 , 0.265 0.213 , (Not available)	Depositor DCC
R_{free} test set	No test flags present.	wwPDB-VP
Wilson B-factor (Å ²)	82.5	Xtriage
Anisotropy	0.225	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.33 , 74.0	EDS
L-test for twinning ²	$\langle L \rangle = 0.45$, $\langle L^2 \rangle = 0.28$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.91	EDS
Total number of atoms	414270	wwPDB-VP
Average B, all atoms (Å ²)	73.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.76% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

4 Model quality [i](#)

4.1 Standard geometry [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.2 Too-close contacts [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3 Torsion angles [i](#)

4.3.1 Protein backbone [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.2 Protein sidechains [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.3 RNA [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.4 Non-standard residues in protein, DNA, RNA chains [i](#)

2 non-standard protein/DNA/RNA residues are modelled in this entry.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
86	8AN	A	3403	86,36	22,24,25	1.50	4 (18%)	26,35,38	2.35	11 (42%)
86	8AN	B	3403	86,36	22,24,25	7.74	7 (31%)	26,35,38	1.63	6 (23%)

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
86	8AN	A	3403	86,36	-	0/7/25/26	0/3/3/3
86	8AN	B	3403	86,36	-	0/7/25/26	0/3/3/3

The worst 5 of 11 bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
86	B	3403	8AN	C3'-N3'	-35.17	0.93	1.47
86	B	3403	8AN	O2'-C2'	5.86	1.56	1.43
86	A	3403	8AN	C5-C4	4.57	1.47	1.39
86	B	3403	8AN	C4-N9	4.22	1.47	1.37
86	B	3403	8AN	C5-C6	2.76	1.48	1.41

The worst 5 of 17 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
86	A	3403	8AN	C5-C4-N3	-6.19	118.68	126.75
86	A	3403	8AN	N3-C4-N9	4.78	134.96	127.08
86	A	3403	8AN	C2-N3-C4	3.86	120.86	111.75
86	A	3403	8AN	C4-C5-N7	-3.32	106.58	110.62
86	B	3403	8AN	N1-C2-N3	-3.13	123.70	128.60

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

No monomer is involved in short contacts.

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry [i](#)

Of 3555 ligands modelled in this entry, 2208 are monoatomic - leaving 1347 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and

the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3541	-	0,6,6	-	-	-		
87	OHX	2	2034	-	0,6,6	-	-	-		
87	OHX	2	2009	88	0,6,6	-	-	-		
87	OHX	1	3532	87	0,6,6	-	-	-		
87	OHX	O7	103	-	0,6,6	-	-	-		
87	OHX	5	3761	88,87	0,6,6	-	-	-		
87	OHX	6	2036	80,88	0,6,6	-	-	-		
87	OHX	5	3795	-	0,6,6	-	-	-		
87	OHX	1	3597	87	0,6,6	-	-	-		
87	OHX	M5	301	-	0,6,6	-	-	-		
87	OHX	5	3739	-	0,6,6	-	-	-		
87	OHX	5	3562	-	0,6,6	-	-	-		
87	OHX	5	3531	-	0,6,6	-	-	-		
87	OHX	1	3784	87	0,6,6	-	-	-		
87	OHX	2	1923	-	0,6,6	-	-	-		
87	OHX	5	3430	88,87	0,6,6	-	-	-		
87	OHX	6	1978	80	0,6,6	-	-	-		
87	OHX	m5	501	-	0,6,6	-	-	-		
87	OHX	5	3789	-	0,6,6	-	-	-		
87	OHX	1	3472	87	0,6,6	-	-	-		
87	OHX	5	3413	-	0,6,6	-	-	-		
87	OHX	1	3777	-	0,6,6	-	-	-		
87	OHX	1	3685	87	0,6,6	-	-	-		
87	OHX	2	1913	88	0,6,6	-	-	-		
87	OHX	1	3722	88	0,6,6	-	-	-		
87	OHX	5	3546	88	0,6,6	-	-	-		
87	OHX	2	2016	-	0,6,6	-	-	-		
87	OHX	2	1910	1	0,6,6	-	-	-		
87	OHX	5	3656	36,88	0,6,6	-	-	-		
87	OHX	2	2074	87	0,6,6	-	-	-		
87	OHX	5	3717	36	0,6,6	-	-	-		
87	OHX	6	1924	88	0,6,6	-	-	-		
87	OHX	1	3500	87	0,6,6	-	-	-		
87	OHX	5	3647	87	0,6,6	-	-	-		
87	OHX	5	3696	36,87	0,6,6	-	-	-		
87	OHX	5	3603	36	0,6,6	-	-	-		
87	OHX	1	3751	36	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2000	88	0,6,6	-	-	-		
87	OHX	2	2043	-	0,6,6	-	-	-		
87	OHX	5	3671	36	0,6,6	-	-	-		
87	OHX	1	3473	88,87	0,6,6	-	-	-		
87	OHX	1	3432	88	0,6,6	-	-	-		
87	OHX	5	3464	87	0,6,6	-	-	-		
87	OHX	5	3486	-	0,6,6	-	-	-		
87	OHX	2	1964	-	0,6,6	-	-	-		
87	OHX	2	1946	-	0,6,6	-	-	-		
87	OHX	2	2022	87	0,6,6	-	-	-		
87	OHX	6	1909	80,88,87	0,6,6	-	-	-		
87	OHX	2	2023	-	0,6,6	-	-	-		
87	OHX	5	3699	36	0,6,6	-	-	-		
87	OHX	6	1969	-	0,6,6	-	-	-		
87	OHX	2	1966	88	0,6,6	-	-	-		
87	OHX	1	3728	-	0,6,6	-	-	-		
87	OHX	1	3690	-	0,6,6	-	-	-		
87	OHX	5	3636	-	0,6,6	-	-	-		
87	OHX	2	2027	87	0,6,6	-	-	-		
87	OHX	3	207	87	0,6,6	-	-	-		
87	OHX	1	3513	87	0,6,6	-	-	-		
87	OHX	1	3725	88	0,6,6	-	-	-		
87	OHX	5	3809	36	0,6,6	-	-	-		
87	OHX	1	3587	-	0,6,6	-	-	-		
87	OHX	1	3758	88	0,6,6	-	-	-		
87	OHX	5	3543	36	0,6,6	-	-	-		
87	OHX	5	3602	36,88	0,6,6	-	-	-		
87	OHX	6	1947	88	0,6,6	-	-	-		
87	OHX	1	3676	-	0,6,6	-	-	-		
87	OHX	1	3546	88	0,6,6	-	-	-		
87	OHX	1	3553	-	0,6,6	-	-	-		
87	OHX	8	215	88	0,6,6	-	-	-		
87	OHX	5	3510	36,87	0,6,6	-	-	-		
87	OHX	1	3719	87	0,6,6	-	-	-		
87	OHX	1	3807	87	0,6,6	-	-	-		
87	OHX	5	3565	87	0,6,6	-	-	-		
87	OHX	2	1936	88	0,6,6	-	-	-		
87	OHX	1	3518	88	0,6,6	-	-	-		
87	OHX	1	3760	87	0,6,6	-	-	-		
87	OHX	1	3657	87	0,6,6	-	-	-		
87	OHX	2	2088	1,87	0,6,6	-	-	-		
87	OHX	1	3533	-	0,6,6	-	-	-		
87	OHX	5	3744	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3454	-	0,6,6	-	-	-		
87	OHX	1	3746	88,87	0,6,6	-	-	-		
87	OHX	2	2050	1	0,6,6	-	-	-		
87	OHX	1	3496	-	0,6,6	-	-	-		
87	OHX	5	3651	36,87	0,6,6	-	-	-		
87	OHX	5	3779	36	0,6,6	-	-	-		
87	OHX	1	3561	-	0,6,6	-	-	-		
87	OHX	1	3484	88,87	0,6,6	-	-	-		
87	OHX	1	3577	88,87	0,6,6	-	-	-		
87	OHX	5	3535	87	0,6,6	-	-	-		
87	OHX	6	2061	87	0,6,6	-	-	-		
87	OHX	6	2046	87	0,6,6	-	-	-		
87	OHX	1	3775	87	0,6,6	-	-	-		
87	OHX	6	2009	87	0,6,6	-	-	-		
87	OHX	5	3722	36,88	0,6,6	-	-	-		
87	OHX	5	3443	87	0,6,6	-	-	-		
87	OHX	7	206	-	0,6,6	-	-	-		
87	OHX	2	1957	-	0,6,6	-	-	-		
87	OHX	1	3543	87	0,6,6	-	-	-		
87	OHX	3	210	88	0,6,6	-	-	-		
87	OHX	6	1946	-	0,6,6	-	-	-		
87	OHX	5	3447	88,87	0,6,6	-	-	-		
87	OHX	14	402	-	0,6,6	-	-	-		
87	OHX	2	1997	88	0,6,6	-	-	-		
87	OHX	c8	201	-	0,6,6	-	-	-		
87	OHX	6	1925	80	0,6,6	-	-	-		
87	OHX	1	3710	-	0,6,6	-	-	-		
87	OHX	2	2084	87	0,6,6	-	-	-		
87	OHX	1	3507	87	0,6,6	-	-	-		
87	OHX	1	3656	-	0,6,6	-	-	-		
87	OHX	5	3408	-	0,6,6	-	-	-		
87	OHX	C8	202	36,87	0,6,6	-	-	-		
87	OHX	5	3440	36	0,6,6	-	-	-		
87	OHX	1	3465	87	0,6,6	-	-	-		
87	OHX	5	3693	-	0,6,6	-	-	-		
87	OHX	5	3654	36,88	0,6,6	-	-	-		
87	OHX	1	3604	-	0,6,6	-	-	-		
87	OHX	1	3785	87	0,6,6	-	-	-		
87	OHX	6	1920	87	0,6,6	-	-	-		
87	OHX	5	3684	87	0,6,6	-	-	-		
87	OHX	2	2045	-	0,6,6	-	-	-		
87	OHX	1	3695	87	0,6,6	-	-	-		
87	OHX	1	3415	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3565	-	0,6,6	-	-	-		
87	OHX	1	3642	88	0,6,6	-	-	-		
87	OHX	2	1986	-	0,6,6	-	-	-		
87	OHX	5	3731	88,87	0,6,6	-	-	-		
87	OHX	1	3439	88	0,6,6	-	-	-		
87	OHX	2	1928	-	0,6,6	-	-	-		
87	OHX	6	1926	-	0,6,6	-	-	-		
87	OHX	1	3492	88	0,6,6	-	-	-		
87	OHX	2	1972	1	0,6,6	-	-	-		
87	OHX	4	208	38	0,6,6	-	-	-		
87	OHX	1	3665	88,87	0,6,6	-	-	-		
87	OHX	6	1996	-	0,6,6	-	-	-		
87	OHX	1	3792	-	0,6,6	-	-	-		
87	OHX	2	1952	1	0,6,6	-	-	-		
87	OHX	2	1947	88	0,6,6	-	-	-		
87	OHX	1	3573	-	0,6,6	-	-	-		
87	OHX	2	1963	-	0,6,6	-	-	-		
87	OHX	1	3490	87	0,6,6	-	-	-		
87	OHX	1	3772	87	0,6,6	-	-	-		
87	OHX	1	3738	88	0,6,6	-	-	-		
87	OHX	M9	202	87	0,6,6	-	-	-		
87	OHX	1	3633	-	0,6,6	-	-	-		
87	OHX	5	3559	-	0,6,6	-	-	-		
87	OHX	1	3421	-	0,6,6	-	-	-		
87	OHX	1	3494	88	0,6,6	-	-	-		
87	OHX	N8	201	-	0,6,6	-	-	-		
87	OHX	6	2083	87	0,6,6	-	-	-		
87	OHX	6	1963	80	0,6,6	-	-	-		
87	OHX	1	3520	88	0,6,6	-	-	-		
87	OHX	6	2076	80	0,6,6	-	-	-		
87	OHX	1	3715	-	0,6,6	-	-	-		
87	OHX	1	3425	88	0,6,6	-	-	-		
87	OHX	6	1917	80	0,6,6	-	-	-		
87	OHX	5	3462	36	0,6,6	-	-	-		
87	OHX	5	3530	36,88	0,6,6	-	-	-		
87	OHX	1	3739	87	0,6,6	-	-	-		
87	OHX	8	211	38	0,6,6	-	-	-		
87	OHX	5	3735	36	0,6,6	-	-	-		
87	OHX	sR	401	-	0,6,6	-	-	-		
87	OHX	5	3626	-	0,6,6	-	-	-		
87	OHX	1	3560	88	0,6,6	-	-	-		
87	OHX	6	2023	-	0,6,6	-	-	-		
87	OHX	2	1995	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3748	-	0,6,6	-	-	-		
87	OHX	5	3667	88	0,6,6	-	-	-		
87	OHX	5	3698	36	0,6,6	-	-	-		
87	OHX	5	3637	-	0,6,6	-	-	-		
87	OHX	5	3683	-	0,6,6	-	-	-		
87	OHX	2	2051	-	0,6,6	-	-	-		
87	OHX	1	3789	88	0,6,6	-	-	-		
87	OHX	6	1985	88	0,6,6	-	-	-		
87	OHX	1	3799	-	0,6,6	-	-	-		
87	OHX	6	1944	80,88	0,6,6	-	-	-		
87	OHX	1	3694	-	0,6,6	-	-	-		
87	OHX	5	3515	36	0,6,6	-	-	-		
87	OHX	5	3481	88	0,6,6	-	-	-		
87	OHX	8	207	38,87	0,6,6	-	-	-		
87	OHX	6	2084	88,87	0,6,6	-	-	-		
87	OHX	5	3576	-	0,6,6	-	-	-		
87	OHX	1	3791	88	0,6,6	-	-	-		
87	OHX	5	3650	87	0,6,6	-	-	-		
87	OHX	1	3499	-	0,6,6	-	-	-		
87	OHX	5	3730	87	0,6,6	-	-	-		
87	OHX	5	3721	36,87	0,6,6	-	-	-		
87	OHX	1	3749	87	0,6,6	-	-	-		
87	OHX	6	1992	88	0,6,6	-	-	-		
87	OHX	1	3666	-	0,6,6	-	-	-		
87	OHX	3	208	-	0,6,6	-	-	-		
87	OHX	1	3525	88	0,6,6	-	-	-		
87	OHX	5	3776	-	0,6,6	-	-	-		
87	OHX	q2	502	88	0,6,6	-	-	-		
87	OHX	1	3734	87	0,6,6	-	-	-		
87	OHX	6	2002	80,88,87	0,6,6	-	-	-		
87	OHX	5	3812	87	0,6,6	-	-	-		
87	OHX	6	2053	80	0,6,6	-	-	-		
87	OHX	5	3644	-	0,6,6	-	-	-		
87	OHX	1	3493	-	0,6,6	-	-	-		
87	OHX	6	2054	80,88,87	0,6,6	-	-	-		
87	OHX	6	2064	80	0,6,6	-	-	-		
87	OHX	1	3416	-	0,6,6	-	-	-		
87	OHX	5	3429	36,88	0,6,6	-	-	-		
87	OHX	1	3700	-	0,6,6	-	-	-		
87	OHX	5	3526	88	0,6,6	-	-	-		
87	OHX	5	3401	36	0,6,6	-	-	-		
87	OHX	1	3624	88	0,6,6	-	-	-		
87	OHX	5	3449	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	1996	-	0,6,6	-	-	-		
87	OHX	1	3678	88	0,6,6	-	-	-		
87	OHX	1	3506	36	0,6,6	-	-	-		
87	OHX	1	3646	88	0,6,6	-	-	-		
87	OHX	1	3537	-	0,6,6	-	-	-		
87	OHX	6	1976	80	0,6,6	-	-	-		
87	OHX	5	3765	87	0,6,6	-	-	-		
87	OHX	5	3711	36,87	0,6,6	-	-	-		
87	OHX	6	2016	80	0,6,6	-	-	-		
87	OHX	5	3662	-	0,6,6	-	-	-		
87	OHX	1	3479	-	0,6,6	-	-	-		
87	OHX	5	3655	36,87	0,6,6	-	-	-		
87	OHX	19	201	-	0,6,6	-	-	-		
87	OHX	1	3745	-	0,6,6	-	-	-		
87	OHX	6	2060	-	0,6,6	-	-	-		
87	OHX	5	3681	-	0,6,6	-	-	-		
87	OHX	1	3801	87	0,6,6	-	-	-		
87	OHX	1	3510	88	0,6,6	-	-	-		
87	OHX	1	3521	88	0,6,6	-	-	-		
87	OHX	1	3436	-	0,6,6	-	-	-		
87	OHX	5	3498	36,87	0,6,6	-	-	-		
87	OHX	5	3524	-	0,6,6	-	-	-		
87	OHX	5	3688	88	0,6,6	-	-	-		
87	OHX	5	3564	88	0,6,6	-	-	-		
87	OHX	2	1956	-	0,6,6	-	-	-		
87	OHX	2	1924	88	0,6,6	-	-	-		
87	OHX	1	3636	88	0,6,6	-	-	-		
87	OHX	6	2093	80,87	0,6,6	-	-	-		
87	OHX	6	2025	-	0,6,6	-	-	-		
87	OHX	5	3571	88	0,6,6	-	-	-		
87	OHX	6	2034	80,87	0,6,6	-	-	-		
87	OHX	2	1929	88	0,6,6	-	-	-		
87	OHX	6	1995	-	0,6,6	-	-	-		
87	OHX	o7	503	87	0,6,6	-	-	-		
87	OHX	1	3645	-	0,6,6	-	-	-		
87	OHX	O7	102	73,88	0,6,6	-	-	-		
87	OHX	m0	303	87	0,6,6	-	-	-		
87	OHX	c5	201	-	0,6,6	-	-	-		
87	OHX	1	3767	-	0,6,6	-	-	-		
87	OHX	6	1956	-	0,6,6	-	-	-		
87	OHX	7	203	88,87	0,6,6	-	-	-		
87	OHX	L3	403	-	0,6,6	-	-	-		
87	OHX	5	3512	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3780	88	0,6,6	-	-	-		
87	OHX	2	1904	-	0,6,6	-	-	-		
87	OHX	1	3420	-	0,6,6	-	-	-		
87	OHX	5	3802	36,88,87	0,6,6	-	-	-		
87	OHX	1	3511	-	0,6,6	-	-	-		
87	OHX	6	2075	80,87	0,6,6	-	-	-		
87	OHX	1	3808	87	0,6,6	-	-	-		
87	OHX	m4	201	-	0,6,6	-	-	-		
87	OHX	6	1972	88	0,6,6	-	-	-		
87	OHX	5	3712	88,87	0,6,6	-	-	-		
87	OHX	2	2062	1	0,6,6	-	-	-		
87	OHX	1	3669	88	0,6,6	-	-	-		
87	OHX	5	3788	87	0,6,6	-	-	-		
87	OHX	5	3805	87	0,6,6	-	-	-		
87	OHX	2	2039	87	0,6,6	-	-	-		
87	OHX	D9	102	87	0,6,6	-	-	-		
87	OHX	5	3783	-	0,6,6	-	-	-		
87	OHX	1	3442	88	0,6,6	-	-	-		
87	OHX	5	3505	87	0,6,6	-	-	-		
87	OHX	2	1922	88,87	0,6,6	-	-	-		
87	OHX	1	3501	87	0,6,6	-	-	-		
87	OHX	7	210	88,87	0,6,6	-	-	-		
87	OHX	5	3600	88	0,6,6	-	-	-		
87	OHX	6	1970	-	0,6,6	-	-	-		
87	OHX	5	3469	88	0,6,6	-	-	-		
87	OHX	s1	301	88	0,6,6	-	-	-		
87	OHX	5	3569	88,87	0,6,6	-	-	-		
87	OHX	8	205	88	0,6,6	-	-	-		
87	OHX	6	2005	87	0,6,6	-	-	-		
87	OHX	6	1942	80	0,6,6	-	-	-		
87	OHX	5	3653	88,87	0,6,6	-	-	-		
87	OHX	2	2079	-	0,6,6	-	-	-		
87	OHX	1	3671	36,87	0,6,6	-	-	-		
87	OHX	2	2012	-	0,6,6	-	-	-		
87	OHX	1	3428	88	0,6,6	-	-	-		
87	OHX	1	3774	-	0,6,6	-	-	-		
87	OHX	1	3424	-	0,6,6	-	-	-		
87	OHX	5	3493	-	0,6,6	-	-	-		
87	OHX	5	3596	88	0,6,6	-	-	-		
87	OHX	5	3540	88	0,6,6	-	-	-		
87	OHX	5	3485	36	0,6,6	-	-	-		
87	OHX	2	2040	-	0,6,6	-	-	-		
87	OHX	2	1932	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3635	88	0,6,6	-	-	-		
87	OHX	L5	301	-	0,6,6	-	-	-		
87	OHX	5	3631	36	0,6,6	-	-	-		
87	OHX	6	2026	80	0,6,6	-	-	-		
87	OHX	2	2055	88	0,6,6	-	-	-		
87	OHX	5	3786	88	0,6,6	-	-	-		
87	OHX	5	3566	36,88	0,6,6	-	-	-		
87	OHX	l5	301	-	0,6,6	-	-	-		
87	OHX	6	1982	87	0,6,6	-	-	-		
87	OHX	5	3675	-	0,6,6	-	-	-		
87	OHX	2	2078	87	0,6,6	-	-	-		
87	OHX	5	3542	-	0,6,6	-	-	-		
87	OHX	3	211	87	0,6,6	-	-	-		
87	OHX	5	3474	87	0,6,6	-	-	-		
87	OHX	5	3751	36	0,6,6	-	-	-		
87	OHX	5	3610	88	0,6,6	-	-	-		
87	OHX	5	3705	36	0,6,6	-	-	-		
87	OHX	6	1957	80,88	0,6,6	-	-	-		
87	OHX	1	3623	88	0,6,6	-	-	-		
87	OHX	2	2073	87	0,6,6	-	-	-		
87	OHX	2	1935	-	0,6,6	-	-	-		
87	OHX	5	3496	-	0,6,6	-	-	-		
87	OHX	1	3407	87	0,6,6	-	-	-		
87	OHX	2	1992	-	0,6,6	-	-	-		
87	OHX	2	1949	-	0,6,6	-	-	-		
87	OHX	1	3702	-	0,6,6	-	-	-		
87	OHX	6	2085	80	0,6,6	-	-	-		
87	OHX	5	3736	-	0,6,6	-	-	-		
87	OHX	2	1962	-	0,6,6	-	-	-		
87	OHX	6	2029	-	0,6,6	-	-	-		
87	OHX	s4	301	-	0,6,6	-	-	-		
87	OHX	1	3691	87	0,6,6	-	-	-		
87	OHX	5	3652	-	0,6,6	-	-	-		
87	OHX	6	2071	87	0,6,6	-	-	-		
87	OHX	3	202	88	0,6,6	-	-	-		
87	OHX	1	3663	36,88,87	0,6,6	-	-	-		
87	OHX	8	217	-	0,6,6	-	-	-		
87	OHX	5	3572	88	0,6,6	-	-	-		
87	OHX	5	3579	87	0,6,6	-	-	-		
87	OHX	2	1931	-	0,6,6	-	-	-		
87	OHX	5	3590	36,88	0,6,6	-	-	-		
87	OHX	1	3782	87	0,6,6	-	-	-		
87	OHX	5	3538	36	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2085	87	0,6,6	-	-	-		
87	OHX	1	3545	-	0,6,6	-	-	-		
87	OHX	1	3574	88	0,6,6	-	-	-		
87	OHX	1	3735	-	0,6,6	-	-	-		
87	OHX	2	2010	-	0,6,6	-	-	-		
87	OHX	5	3583	36,87	0,6,6	-	-	-		
87	OHX	5	3547	36	0,6,6	-	-	-		
87	OHX	2	2060	-	0,6,6	-	-	-		
87	OHX	5	3522	-	0,6,6	-	-	-		
87	OHX	6	2040	-	0,6,6	-	-	-		
87	OHX	5	3640	36,88	0,6,6	-	-	-		
87	OHX	5	3519	87	0,6,6	-	-	-		
87	OHX	2	1991	1,87	0,6,6	-	-	-		
87	OHX	1	3481	-	0,6,6	-	-	-		
87	OHX	l3	401	-	0,6,6	-	-	-		
87	OHX	1	3674	87	0,6,6	-	-	-		
87	OHX	1	3461	87	0,6,6	-	-	-		
87	OHX	6	2018	87	0,6,6	-	-	-		
87	OHX	5	3608	36	0,6,6	-	-	-		
87	OHX	1	3542	87	0,6,6	-	-	-		
87	OHX	6	2010	80,87	0,6,6	-	-	-		
87	OHX	5	3612	-	0,6,6	-	-	-		
87	OHX	5	3782	88	0,6,6	-	-	-		
87	OHX	5	3617	-	0,6,6	-	-	-		
87	OHX	2	1981	-	0,6,6	-	-	-		
87	OHX	1	3788	87	0,6,6	-	-	-		
87	OHX	6	2015	87	0,6,6	-	-	-		
87	OHX	1	3414	-	0,6,6	-	-	-		
87	OHX	5	3459	88	0,6,6	-	-	-		
87	OHX	4	213	-	0,6,6	-	-	-		
87	OHX	2	1918	88,87	0,6,6	-	-	-		
87	OHX	1	3793	36,87	0,6,6	-	-	-		
87	OHX	6	1991	80	0,6,6	-	-	-		
87	OHX	1	3650	88	0,6,6	-	-	-		
87	OHX	1	3809	87	0,6,6	-	-	-		
87	OHX	6	1934	-	0,6,6	-	-	-		
87	OHX	1	3653	88	0,6,6	-	-	-		
87	OHX	2	1903	-	0,6,6	-	-	-		
87	OHX	5	3622	-	0,6,6	-	-	-		
87	OHX	5	3438	-	0,6,6	-	-	-		
87	OHX	1	3630	-	0,6,6	-	-	-		
87	OHX	4	203	-	0,6,6	-	-	-		
87	OHX	S2	301	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3710	-	0,6,6	-	-	-		
87	OHX	5	3723	88,87	0,6,6	-	-	-		
87	OHX	2	1919	1	0,6,6	-	-	-		
87	OHX	1	3681	36,87	0,6,6	-	-	-		
87	OHX	2	2021	-	0,6,6	-	-	-		
87	OHX	2	2031	87	0,6,6	-	-	-		
87	OHX	1	3740	87	0,6,6	-	-	-		
87	OHX	5	3659	-	0,6,6	-	-	-		
87	OHX	7	207	88	0,6,6	-	-	-		
87	OHX	2	2007	-	0,6,6	-	-	-		
87	OHX	1	3575	36,88	0,6,6	-	-	-		
87	OHX	5	3787	-	0,6,6	-	-	-		
87	OHX	2	1960	-	0,6,6	-	-	-		
87	OHX	2	2071	87	0,6,6	-	-	-		
87	OHX	7	202	-	0,6,6	-	-	-		
87	OHX	2	1955	-	0,6,6	-	-	-		
87	OHX	6	2027	88	0,6,6	-	-	-		
87	OHX	1	3761	88	0,6,6	-	-	-		
87	OHX	1	3536	36	0,6,6	-	-	-		
87	OHX	6	2058	87	0,6,6	-	-	-		
87	OHX	5	3609	-	0,6,6	-	-	-		
87	OHX	1	3464	-	0,6,6	-	-	-		
87	OHX	5	3709	36,88,87	0,6,6	-	-	-		
87	OHX	5	3810	87	0,6,6	-	-	-		
87	OHX	1	3769	88	0,6,6	-	-	-		
87	OHX	1	3612	88,87	0,6,6	-	-	-		
87	OHX	5	3649	-	0,6,6	-	-	-		
87	OHX	5	3618	-	0,6,6	-	-	-		
87	OHX	5	3689	36	0,6,6	-	-	-		
87	OHX	5	3658	88	0,6,6	-	-	-		
87	OHX	6	2068	80,87	0,6,6	-	-	-		
87	OHX	6	2066	88	0,6,6	-	-	-		
87	OHX	1	3622	-	0,6,6	-	-	-		
87	OHX	6	1938	80,87	0,6,6	-	-	-		
87	OHX	2	1911	88	0,6,6	-	-	-		
87	OHX	5	3555	88	0,6,6	-	-	-		
87	OHX	6	1936	80	0,6,6	-	-	-		
87	OHX	5	3567	36,88	0,6,6	-	-	-		
87	OHX	6	2097	88,87	0,6,6	-	-	-		
87	OHX	6	2017	80	0,6,6	-	-	-		
87	OHX	5	3720	-	0,6,6	-	-	-		
87	OHX	5	3701	88	0,6,6	-	-	-		
87	OHX	2	1982	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2078	-	0,6,6	-	-	-		
87	OHX	1	3405	36	0,6,6	-	-	-		
87	OHX	1	3468	36,88	0,6,6	-	-	-		
87	OHX	1	3503	88	0,6,6	-	-	-		
87	OHX	2	2033	-	0,6,6	-	-	-		
87	OHX	5	3544	-	0,6,6	-	-	-		
87	OHX	1	3800	87	0,6,6	-	-	-		
87	OHX	1	3712	87	0,6,6	-	-	-		
87	OHX	5	3575	36	0,6,6	-	-	-		
87	OHX	1	3554	-	0,6,6	-	-	-		
87	OHX	1	3778	-	0,6,6	-	-	-		
87	OHX	6	1949	88,87	0,6,6	-	-	-		
87	OHX	1	3654	88	0,6,6	-	-	-		
87	OHX	2	1989	87	0,6,6	-	-	-		
87	OHX	1	3680	-	0,6,6	-	-	-		
87	OHX	1	3470	-	0,6,6	-	-	-		
87	OHX	5	3441	88	0,6,6	-	-	-		
87	OHX	5	3646	36,88	0,6,6	-	-	-		
87	OHX	2	1998	87	0,6,6	-	-	-		
87	OHX	5	3737	88	0,6,6	-	-	-		
87	OHX	5	3560	87	0,6,6	-	-	-		
87	OHX	5	3764	36	0,6,6	-	-	-		
87	OHX	6	2006	88	0,6,6	-	-	-		
87	OHX	1	3696	88,87	0,6,6	-	-	-		
87	OHX	6	2091	87	0,6,6	-	-	-		
87	OHX	5	3763	36,88,87	0,6,6	-	-	-		
87	OHX	1	3787	87	0,6,6	-	-	-		
87	OHX	6	2039	88	0,6,6	-	-	-		
87	OHX	5	3528	88	0,6,6	-	-	-		
87	OHX	1	3410	-	0,6,6	-	-	-		
87	OHX	6	2077	87	0,6,6	-	-	-		
87	OHX	8	208	88	0,6,6	-	-	-		
87	OHX	1	3495	88	0,6,6	-	-	-		
87	OHX	6	1997	-	0,6,6	-	-	-		
87	OHX	1	3635	87	0,6,6	-	-	-		
87	OHX	6	1998	80	0,6,6	-	-	-		
87	OHX	1	3668	88	0,6,6	-	-	-		
87	OHX	O1	201	88,87	0,6,6	-	-	-		
87	OHX	1	3718	87	0,6,6	-	-	-		
87	OHX	1	3786	88	0,6,6	-	-	-		
87	OHX	7	211	88	0,6,6	-	-	-		
87	OHX	1	3724	88	0,6,6	-	-	-		
87	OHX	6	2045	80,88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3796	88,87	0,6,6	-	-	-		
87	OHX	1	3487	-	0,6,6	-	-	-		
87	OHX	5	3713	-	0,6,6	-	-	-		
87	OHX	2	2000	-	0,6,6	-	-	-		
87	OHX	6	2055	-	0,6,6	-	-	-		
87	OHX	7	209	88	0,6,6	-	-	-		
87	OHX	5	3479	88,87	0,6,6	-	-	-		
87	OHX	1	3714	87	0,6,6	-	-	-		
87	OHX	6	1974	80	0,6,6	-	-	-		
87	OHX	2	1988	87	0,6,6	-	-	-		
87	OHX	5	3616	87	0,6,6	-	-	-		
87	OHX	2	1901	-	0,6,6	-	-	-		
87	OHX	2	2041	-	0,6,6	-	-	-		
87	OHX	5	3586	87	0,6,6	-	-	-		
87	OHX	6	2087	-	0,6,6	-	-	-		
87	OHX	5	3627	-	0,6,6	-	-	-		
87	OHX	2	2070	87	0,6,6	-	-	-		
87	OHX	5	3599	36,88	0,6,6	-	-	-		
87	OHX	2	2037	88	0,6,6	-	-	-		
87	OHX	5	3729	87	0,6,6	-	-	-		
87	OHX	8	219	38	0,6,6	-	-	-		
87	OHX	5	3551	88	0,6,6	-	-	-		
87	OHX	5	3716	36,88	0,6,6	-	-	-		
87	OHX	5	3509	36	0,6,6	-	-	-		
87	OHX	8	221	87	0,6,6	-	-	-		
87	OHX	1	3731	-	0,6,6	-	-	-		
87	OHX	5	3570	-	0,6,6	-	-	-		
87	OHX	1	3467	88	0,6,6	-	-	-		
87	OHX	6	2057	80,87	0,6,6	-	-	-		
87	OHX	2	2052	1	0,6,6	-	-	-		
87	OHX	1	3764	36,88,87	0,6,6	-	-	-		
87	OHX	1	3679	-	0,6,6	-	-	-		
87	OHX	6	1908	-	0,6,6	-	-	-		
87	OHX	c1	201	87	0,6,6	-	-	-		
87	OHX	8	216	38	0,6,6	-	-	-		
87	OHX	6	2038	-	0,6,6	-	-	-		
87	OHX	5	3754	36,88	0,6,6	-	-	-		
87	OHX	5	3476	87	0,6,6	-	-	-		
87	OHX	1	3457	88,87	0,6,6	-	-	-		
87	OHX	5	3511	88	0,6,6	-	-	-		
87	OHX	1	3617	-	0,6,6	-	-	-		
87	OHX	1	3609	88	0,6,6	-	-	-		
87	OHX	8	218	38	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3427	-	0,6,6	-	-	-		
87	OHX	5	3417	36,88	0,6,6	-	-	-		
87	OHX	1	3644	-	0,6,6	-	-	-		
87	OHX	6	1935	80	0,6,6	-	-	-		
87	OHX	5	3409	36,88	0,6,6	-	-	-		
87	OHX	6	2021	88	0,6,6	-	-	-		
87	OHX	1	3658	-	0,6,6	-	-	-		
87	OHX	5	3619	88	0,6,6	-	-	-		
87	OHX	5	3482	87	0,6,6	-	-	-		
87	OHX	1	3526	36	0,6,6	-	-	-		
87	OHX	1	3794	-	0,6,6	-	-	-		
87	OHX	5	3477	-	0,6,6	-	-	-		
87	OHX	2	1920	-	0,6,6	-	-	-		
87	OHX	6	2088	87	0,6,6	-	-	-		
87	OHX	1	3517	-	0,6,6	-	-	-		
87	OHX	5	3589	36,88,87	0,6,6	-	-	-		
87	OHX	6	2086	-	0,6,6	-	-	-		
87	OHX	6	1933	-	0,6,6	-	-	-		
87	OHX	5	3516	88	0,6,6	-	-	-		
87	OHX	6	1913	80	0,6,6	-	-	-		
87	OHX	m7	201	-	0,6,6	-	-	-		
87	OHX	1	3626	-	0,6,6	-	-	-		
87	OHX	6	1977	88	0,6,6	-	-	-		
87	OHX	1	3688	-	0,6,6	-	-	-		
87	OHX	1	3564	88	0,6,6	-	-	-		
87	OHX	1	3593	88	0,6,6	-	-	-		
87	OHX	1	3437	87	0,6,6	-	-	-		
87	OHX	5	3442	88	0,6,6	-	-	-		
87	OHX	1	3446	88,87	0,6,6	-	-	-		
87	OHX	2	2047	-	0,6,6	-	-	-		
87	OHX	5	3581	-	0,6,6	-	-	-		
87	OHX	5	3804	87	0,6,6	-	-	-		
87	OHX	5	3457	-	0,6,6	-	-	-		
87	OHX	5	3529	36,87	0,6,6	-	-	-		
87	OHX	1	3558	87	0,6,6	-	-	-		
87	OHX	5	3534	-	0,6,6	-	-	-		
87	OHX	6	2014	-	0,6,6	-	-	-		
87	OHX	M9	201	-	0,6,6	-	-	-		
87	OHX	1	3805	36,87	0,6,6	-	-	-		
87	OHX	2	1940	87	0,6,6	-	-	-		
87	OHX	5	3471	36	0,6,6	-	-	-		
87	OHX	4	215	87	0,6,6	-	-	-		
87	OHX	6	1905	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3785	-	0,6,6	-	-	-		
87	OHX	1	3476	87	0,6,6	-	-	-		
87	OHX	5	3670	36,87	0,6,6	-	-	-		
87	OHX	1	3475	87	0,6,6	-	-	-		
87	OHX	5	3613	-	0,6,6	-	-	-		
87	OHX	5	3422	-	0,6,6	-	-	-		
87	OHX	6	2049	80	0,6,6	-	-	-		
87	OHX	2	1976	87	0,6,6	-	-	-		
87	OHX	6	2090	87	0,6,6	-	-	-		
87	OHX	2	1980	87	0,6,6	-	-	-		
87	OHX	2	1912	-	0,6,6	-	-	-		
87	OHX	5	3697	36	0,6,6	-	-	-		
87	OHX	1	3607	-	0,6,6	-	-	-		
87	OHX	5	3492	88	0,6,6	-	-	-		
87	OHX	1	3648	88	0,6,6	-	-	-		
87	OHX	2	2042	-	0,6,6	-	-	-		
87	OHX	6	2043	87	0,6,6	-	-	-		
87	OHX	1	3540	-	0,6,6	-	-	-		
87	OHX	5	3598	87	0,6,6	-	-	-		
87	OHX	1	3773	87	0,6,6	-	-	-		
87	OHX	1	3783	-	0,6,6	-	-	-		
87	OHX	5	3759	-	0,6,6	-	-	-		
87	OHX	5	3766	-	0,6,6	-	-	-		
87	OHX	5	3453	87	0,6,6	-	-	-		
87	OHX	5	3790	87	0,6,6	-	-	-		
87	OHX	6	1968	88	0,6,6	-	-	-		
87	OHX	6	1980	80	0,6,6	-	-	-		
87	OHX	1	3711	87	0,6,6	-	-	-		
87	OHX	6	1929	88	0,6,6	-	-	-		
87	OHX	6	2007	80,88	0,6,6	-	-	-		
87	OHX	1	3781	87	0,6,6	-	-	-		
87	OHX	5	3549	-	0,6,6	-	-	-		
87	OHX	6	1979	80,88	0,6,6	-	-	-		
87	OHX	M9	203	-	0,6,6	-	-	-		
87	OHX	5	3615	88	0,6,6	-	-	-		
87	OHX	5	3508	87	0,6,6	-	-	-		
87	OHX	5	3611	86,36,87	0,6,6	-	-	-		
87	OHX	1	3698	88	0,6,6	-	-	-		
87	OHX	5	3715	36	0,6,6	-	-	-		
87	OHX	1	3426	-	0,6,6	-	-	-		
87	OHX	5	3445	87	0,6,6	-	-	-		
87	OHX	1	3515	36	0,6,6	-	-	-		
87	OHX	2	1927	88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	1930	-	0,6,6	-	-	-		
87	OHX	1	3770	-	0,6,6	-	-	-		
87	OHX	1	3730	87	0,6,6	-	-	-		
87	OHX	1	3756	88	0,6,6	-	-	-		
87	OHX	6	2062	-	0,6,6	-	-	-		
87	OHX	C5	201	17	0,6,6	-	-	-		
87	OHX	2	1916	1	0,6,6	-	-	-		
87	OHX	2	1939	-	0,6,6	-	-	-		
87	OHX	5	3523	36,87	0,6,6	-	-	-		
87	OHX	5	3605	88,87	0,6,6	-	-	-		
87	OHX	5	3747	88	0,6,6	-	-	-		
87	OHX	2	1971	-	0,6,6	-	-	-		
87	OHX	4	206	-	0,6,6	-	-	-		
87	OHX	5	3574	-	0,6,6	-	-	-		
87	OHX	6	1930	80	0,6,6	-	-	-		
87	OHX	1	3771	87	0,6,6	-	-	-		
87	OHX	2	1937	88	0,6,6	-	-	-		
87	OHX	n9	101	-	0,6,6	-	-	-		
87	OHX	1	3453	-	0,6,6	-	-	-		
87	OHX	1	3613	36,87	0,6,6	-	-	-		
87	OHX	1	3474	87	0,6,6	-	-	-		
87	OHX	6	2013	88	0,6,6	-	-	-		
87	OHX	4	209	-	0,6,6	-	-	-		
87	OHX	5	3601	36	0,6,6	-	-	-		
87	OHX	1	3448	-	0,6,6	-	-	-		
87	OHX	5	3726	36	0,6,6	-	-	-		
87	OHX	4	201	-	0,6,6	-	-	-		
87	OHX	m0	304	87	0,6,6	-	-	-		
87	OHX	6	2074	80	0,6,6	-	-	-		
87	OHX	5	3793	36	0,6,6	-	-	-		
87	OHX	5	3478	87	0,6,6	-	-	-		
87	OHX	5	3502	36,88,87	0,6,6	-	-	-		
87	OHX	1	3455	88	0,6,6	-	-	-		
87	OHX	1	3736	88	0,6,6	-	-	-		
87	OHX	1	3562	-	0,6,6	-	-	-		
87	OHX	1	3469	-	0,6,6	-	-	-		
87	OHX	6	2030	-	0,6,6	-	-	-		
87	OHX	5	3743	36	0,6,6	-	-	-		
87	OHX	1	3592	88,87	0,6,6	-	-	-		
87	OHX	5	3580	-	0,6,6	-	-	-		
87	OHX	1	3412	-	0,6,6	-	-	-		
87	OHX	1	3430	-	0,6,6	-	-	-		
87	OHX	1	3795	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3404	88	0,6,6	-	-	-		
87	OHX	1	3524	-	0,6,6	-	-	-		
87	OHX	6	1964	80,88	0,6,6	-	-	-		
87	OHX	M7	201	88	0,6,6	-	-	-		
87	OHX	1	3803	-	0,6,6	-	-	-		
87	OHX	5	3463	88	0,6,6	-	-	-		
87	OHX	1	3491	87	0,6,6	-	-	-		
87	OHX	6	1923	80,88	0,6,6	-	-	-		
87	OHX	1	3686	-	0,6,6	-	-	-		
87	OHX	6	1966	-	0,6,6	-	-	-		
87	OHX	5	3775	87	0,6,6	-	-	-		
87	OHX	1	3584	87	0,6,6	-	-	-		
87	OHX	5	3706	87	0,6,6	-	-	-		
87	OHX	1	3523	-	0,6,6	-	-	-		
87	OHX	5	3657	36,88,87	0,6,6	-	-	-		
87	OHX	5	3757	87	0,6,6	-	-	-		
87	OHX	5	3548	-	0,6,6	-	-	-		
87	OHX	2	2017	-	0,6,6	-	-	-		
87	OHX	6	2041	80	0,6,6	-	-	-		
87	OHX	5	3773	-	0,6,6	-	-	-		
87	OHX	2	2029	1	0,6,6	-	-	-		
87	OHX	1	3750	-	0,6,6	-	-	-		
87	OHX	1	3647	36	0,6,6	-	-	-		
87	OHX	8	206	-	0,6,6	-	-	-		
87	OHX	1	3643	87	0,6,6	-	-	-		
87	OHX	5	3514	36	0,6,6	-	-	-		
87	OHX	1	3705	36,88,87	0,6,6	-	-	-		
87	OHX	6	1967	88	0,6,6	-	-	-		
87	OHX	1	3486	-	0,6,6	-	-	-		
87	OHX	1	3638	88	0,6,6	-	-	-		
87	OHX	1	3431	88	0,6,6	-	-	-		
87	OHX	6	1984	80	0,6,6	-	-	-		
87	OHX	1	3732	-	0,6,6	-	-	-		
87	OHX	5	3606	-	0,6,6	-	-	-		
87	OHX	6	1910	88	0,6,6	-	-	-		
87	OHX	5	3525	-	0,6,6	-	-	-		
87	OHX	6	2024	80	0,6,6	-	-	-		
87	OHX	1	3409	-	0,6,6	-	-	-		
87	OHX	2	2026	87	0,6,6	-	-	-		
87	OHX	1	3600	-	0,6,6	-	-	-		
87	OHX	6	2082	87	0,6,6	-	-	-		
87	OHX	5	3595	87	0,6,6	-	-	-		
87	OHX	5	3798	88,87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3800	36,87	0,6,6	-	-	-		
87	OHX	1	3652	88,87	0,6,6	-	-	-		
87	OHX	2	1965	87	0,6,6	-	-	-		
87	OHX	M0	302	87	0,6,6	-	-	-		
87	OHX	3	203	88	0,6,6	-	-	-		
87	OHX	6	1993	80	0,6,6	-	-	-		
87	OHX	N9	101	-	0,6,6	-	-	-		
87	OHX	1	3590	-	0,6,6	-	-	-		
87	OHX	1	3661	88	0,6,6	-	-	-		
87	OHX	6	2022	80,87	0,6,6	-	-	-		
87	OHX	5	3433	36	0,6,6	-	-	-		
87	OHX	8	210	-	0,6,6	-	-	-		
87	OHX	1	3579	-	0,6,6	-	-	-		
87	OHX	1	3466	-	0,6,6	-	-	-		
87	OHX	5	3460	87	0,6,6	-	-	-		
87	OHX	1	3806	88,87	0,6,6	-	-	-		
87	OHX	5	3503	87	0,6,6	-	-	-		
87	OHX	5	3532	87	0,6,6	-	-	-		
87	OHX	M0	303	87	0,6,6	-	-	-		
87	OHX	M8	201	-	0,6,6	-	-	-		
87	OHX	5	3594	36,87	0,6,6	-	-	-		
87	OHX	1	3692	87	0,6,6	-	-	-		
87	OHX	2	1978	-	0,6,6	-	-	-		
87	OHX	5	3432	-	0,6,6	-	-	-		
87	OHX	1	3706	88	0,6,6	-	-	-		
87	OHX	1	3664	88	0,6,6	-	-	-		
87	OHX	5	3632	87	0,6,6	-	-	-		
87	OHX	7	208	88	0,6,6	-	-	-		
87	OHX	1	3649	-	0,6,6	-	-	-		
87	OHX	1	3689	-	0,6,6	-	-	-		
87	OHX	5	3621	36	0,6,6	-	-	-		
87	OHX	1	3514	87	0,6,6	-	-	-		
87	OHX	1	3471	-	0,6,6	-	-	-		
87	OHX	1	3779	87	0,6,6	-	-	-		
87	OHX	2	2019	88	0,6,6	-	-	-		
87	OHX	6	2094	80,87	0,6,6	-	-	-		
87	OHX	5	3666	36	0,6,6	-	-	-		
87	OHX	1	3578	36	0,6,6	-	-	-		
87	OHX	d9	102	87	0,6,6	-	-	-		
87	OHX	6	1937	-	0,6,6	-	-	-		
87	OHX	5	3803	36,87	0,6,6	-	-	-		
87	OHX	5	3718	87	0,6,6	-	-	-		
87	OHX	6	1901	80	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3411	-	0,6,6	-	-	-		
87	OHX	5	3734	-	0,6,6	-	-	-		
87	OHX	5	3808	-	0,6,6	-	-	-		
87	OHX	1	3697	-	0,6,6	-	-	-		
87	OHX	2	2063	-	0,6,6	-	-	-		
87	OHX	6	2047	-	0,6,6	-	-	-		
87	OHX	1	3572	-	0,6,6	-	-	-		
87	OHX	1	3576	88	0,6,6	-	-	-		
87	OHX	5	3500	-	0,6,6	-	-	-		
87	OHX	12	301	87	0,6,6	-	-	-		
87	OHX	5	3497	87	0,6,6	-	-	-		
87	OHX	6	1940	-	0,6,6	-	-	-		
87	OHX	6	1965	88,87	0,6,6	-	-	-		
87	OHX	6	2063	-	0,6,6	-	-	-		
87	OHX	5	3533	36	0,6,6	-	-	-		
87	OHX	1	3693	-	0,6,6	-	-	-		
87	OHX	1	3684	87	0,6,6	-	-	-		
87	OHX	Q2	502	88	0,6,6	-	-	-		
87	OHX	5	3489	36	0,6,6	-	-	-		
87	OHX	5	3620	36,87	0,6,6	-	-	-		
87	OHX	m0	302	87	0,6,6	-	-	-		
87	OHX	2	2072	-	0,6,6	-	-	-		
87	OHX	5	3545	-	0,6,6	-	-	-		
87	OHX	6	1914	80,87	0,6,6	-	-	-		
87	OHX	6	1931	80,87	0,6,6	-	-	-		
87	OHX	4	202	-	0,6,6	-	-	-		
87	OHX	6	1986	88	0,6,6	-	-	-		
87	OHX	1	3707	87	0,6,6	-	-	-		
87	OHX	m1	201	-	0,6,6	-	-	-		
87	OHX	5	3639	-	0,6,6	-	-	-		
87	OHX	1	3569	-	0,6,6	-	-	-		
87	OHX	1	3616	88	0,6,6	-	-	-		
87	OHX	5	3685	36,88	0,6,6	-	-	-		
87	OHX	2	2056	-	0,6,6	-	-	-		
87	OHX	6	1952	80,87	0,6,6	-	-	-		
87	OHX	8	209	-	0,6,6	-	-	-		
87	OHX	6	2019	88	0,6,6	-	-	-		
87	OHX	1	3687	36,87	0,6,6	-	-	-		
87	OHX	5	3517	-	0,6,6	-	-	-		
87	OHX	6	1971	88,87	0,6,6	-	-	-		
87	OHX	3	209	87	0,6,6	-	-	-		
87	OHX	5	3483	-	0,6,6	-	-	-		
87	OHX	5	3664	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3438	-	0,6,6	-	-	-		
87	OHX	5	3501	87	0,6,6	-	-	-		
87	OHX	1	3726	-	0,6,6	-	-	-		
87	OHX	S8	301	-	0,6,6	-	-	-		
87	OHX	1	3570	-	0,6,6	-	-	-		
87	OHX	1	3723	-	0,6,6	-	-	-		
87	OHX	2	2046	1	0,6,6	-	-	-		
87	OHX	8	203	87	0,6,6	-	-	-		
87	OHX	2	2024	-	0,6,6	-	-	-		
87	OHX	2	1943	87	0,6,6	-	-	-		
87	OHX	1	3408	88	0,6,6	-	-	-		
87	OHX	2	2066	-	0,6,6	-	-	-		
87	OHX	5	3707	-	0,6,6	-	-	-		
87	OHX	1	3683	36,88	0,6,6	-	-	-		
87	OHX	2	1969	1	0,6,6	-	-	-		
87	OHX	m5	502	88	0,6,6	-	-	-		
87	OHX	5	3428	-	0,6,6	-	-	-		
87	OHX	5	3499	36	0,6,6	-	-	-		
87	OHX	5	3811	87	0,6,6	-	-	-		
87	OHX	5	3797	87	0,6,6	-	-	-		
87	OHX	2	1968	-	0,6,6	-	-	-		
87	OHX	1	3527	-	0,6,6	-	-	-		
87	OHX	6	2042	80,87	0,6,6	-	-	-		
87	OHX	1	3482	-	0,6,6	-	-	-		
87	OHX	1	3618	-	0,6,6	-	-	-		
87	OHX	2	1979	87	0,6,6	-	-	-		
87	OHX	6	2051	-	0,6,6	-	-	-		
87	OHX	q1	101	87	0,6,6	-	-	-		
87	OHX	2	2003	1	0,6,6	-	-	-		
90	PRO	B	3501	-	5,7,8	0.51	0	7,8,10	1.39	1 (14%)
87	OHX	5	3539	87	0,6,6	-	-	-		
87	OHX	5	3728	87	0,6,6	-	-	-		
87	OHX	2	2059	87	0,6,6	-	-	-		
87	OHX	5	3727	88,87	0,6,6	-	-	-		
87	OHX	5	3725	88,87	0,6,6	-	-	-		
87	OHX	6	1928	80	0,6,6	-	-	-		
87	OHX	6	2072	-	0,6,6	-	-	-		
87	OHX	6	2044	-	0,6,6	-	-	-		
87	OHX	6	2089	80	0,6,6	-	-	-		
87	OHX	5	3411	-	0,6,6	-	-	-		
87	OHX	1	3535	87	0,6,6	-	-	-		
87	OHX	5	3771	88	0,6,6	-	-	-		
87	OHX	5	3676	88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	1941	-	0,6,6	-	-	-		
87	OHX	5	3553	36	0,6,6	-	-	-		
87	OHX	2	2015	1,87	0,6,6	-	-	-		
87	OHX	5	3435	-	0,6,6	-	-	-		
87	OHX	1	3599	-	0,6,6	-	-	-		
87	OHX	1	3629	88	0,6,6	-	-	-		
87	OHX	1	3456	-	0,6,6	-	-	-		
87	OHX	4	205	-	0,6,6	-	-	-		
87	OHX	5	3807	87	0,6,6	-	-	-		
87	OHX	1	3449	-	0,6,6	-	-	-		
87	OHX	5	3623	-	0,6,6	-	-	-		
87	OHX	5	3426	36	0,6,6	-	-	-		
87	OHX	1	3483	88	0,6,6	-	-	-		
87	OHX	6	2080	88	0,6,6	-	-	-		
87	OHX	1	3655	88	0,6,6	-	-	-		
87	OHX	2	2048	87	0,6,6	-	-	-		
87	OHX	n1	201	88	0,6,6	-	-	-		
87	OHX	s1	302	-	0,6,6	-	-	-		
87	OHX	5	3454	88	0,6,6	-	-	-		
87	OHX	5	3582	87	0,6,6	-	-	-		
87	OHX	1	3595	36	0,6,6	-	-	-		
87	OHX	1	3798	88	0,6,6	-	-	-		
87	OHX	5	3686	-	0,6,6	-	-	-		
87	OHX	2	2083	-	0,6,6	-	-	-		
87	OHX	5	3423	-	0,6,6	-	-	-		
87	OHX	5	3490	-	0,6,6	-	-	-		
87	OHX	1	3667	-	0,6,6	-	-	-		
87	OHX	1	3704	88	0,6,6	-	-	-		
87	OHX	o3	201	-	0,6,6	-	-	-		
87	OHX	6	2032	80,87	0,6,6	-	-	-		
87	OHX	6	1973	87	0,6,6	-	-	-		
87	OHX	5	3568	88,87	0,6,6	-	-	-		
87	OHX	2	1925	-	0,6,6	-	-	-		
87	OHX	2	2030	87	0,6,6	-	-	-		
87	OHX	5	3752	36	0,6,6	-	-	-		
87	OHX	2	1985	-	0,6,6	-	-	-		
87	OHX	5	3628	87	0,6,6	-	-	-		
87	OHX	1	3776	-	0,6,6	-	-	-		
87	OHX	6	1902	-	0,6,6	-	-	-		
87	OHX	1	3621	87	0,6,6	-	-	-		
87	OHX	5	3748	-	0,6,6	-	-	-		
87	OHX	6	1951	-	0,6,6	-	-	-		
87	OHX	1	3659	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3448	-	0,6,6	-	-	-		
87	OHX	6	1903	-	0,6,6	-	-	-		
87	OHX	6	1958	80	0,6,6	-	-	-		
87	OHX	6	2059	87	0,6,6	-	-	-		
87	OHX	2	2068	87	0,6,6	-	-	-		
87	OHX	6	2008	-	0,6,6	-	-	-		
87	OHX	1	3440	88	0,6,6	-	-	-		
87	OHX	1	3762	-	0,6,6	-	-	-		
87	OHX	5	3415	-	0,6,6	-	-	-		
87	OHX	1	3729	88	0,6,6	-	-	-		
87	OHX	2	1921	88,87	0,6,6	-	-	-		
87	OHX	1	3682	-	0,6,6	-	-	-		
87	OHX	6	1962	80	0,6,6	-	-	-		
87	OHX	1	3716	-	0,6,6	-	-	-		
87	OHX	1	3505	-	0,6,6	-	-	-		
87	OHX	1	3509	87	0,6,6	-	-	-		
87	OHX	5	3634	-	0,6,6	-	-	-		
87	OHX	1	3606	-	0,6,6	-	-	-		
87	OHX	8	220	-	0,6,6	-	-	-		
87	OHX	2	1974	-	0,6,6	-	-	-		
87	OHX	5	3466	88	0,6,6	-	-	-		
87	OHX	5	3592	87	0,6,6	-	-	-		
87	OHX	5	3587	88	0,6,6	-	-	-		
87	OHX	2	1948	88,87	0,6,6	-	-	-		
87	OHX	6	1955	80	0,6,6	-	-	-		
87	OHX	5	3585	-	0,6,6	-	-	-		
87	OHX	2	1951	-	0,6,6	-	-	-		
87	OHX	5	3733	36	0,6,6	-	-	-		
87	OHX	2	1987	-	0,6,6	-	-	-		
87	OHX	n3	202	-	0,6,6	-	-	-		
87	OHX	5	3614	88	0,6,6	-	-	-		
87	OHX	6	1989	80,88	0,6,6	-	-	-		
87	OHX	1	3596	87	0,6,6	-	-	-		
87	OHX	6	2020	80,88	0,6,6	-	-	-		
87	OHX	1	3747	36,87	0,6,6	-	-	-		
87	OHX	2	2076	1,87	0,6,6	-	-	-		
87	OHX	4	212	38	0,6,6	-	-	-		
87	OHX	5	3708	-	0,6,6	-	-	-		
87	OHX	1	3631	-	0,6,6	-	-	-		
87	OHX	1	3497	-	0,6,6	-	-	-		
87	OHX	2	1933	87	0,6,6	-	-	-		
87	OHX	5	3633	36	0,6,6	-	-	-		
87	OHX	1	3601	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3768	36,87	0,6,6	-	-	-		
87	OHX	5	3584	88	0,6,6	-	-	-		
87	OHX	5	3421	-	0,6,6	-	-	-		
87	OHX	4	214	38	0,6,6	-	-	-		
87	OHX	2	1906	88,87	0,6,6	-	-	-		
87	OHX	6	1987	-	0,6,6	-	-	-		
87	OHX	1	3727	87	0,6,6	-	-	-		
90	PRO	A	3501	-	5,7,8	0.51	0	7,8,10	1.39	1 (14%)
87	OHX	5	3624	88	0,6,6	-	-	-		
87	OHX	5	3552	88	0,6,6	-	-	-		
87	OHX	6	1932	88	0,6,6	-	-	-		
87	OHX	2	1993	1,88	0,6,6	-	-	-		
87	OHX	5	3550	-	0,6,6	-	-	-		
87	OHX	5	3425	36	0,6,6	-	-	-		
87	OHX	1	3675	88	0,6,6	-	-	-		
87	OHX	1	3477	-	0,6,6	-	-	-		
87	OHX	1	3602	87	0,6,6	-	-	-		
87	OHX	1	3605	-	0,6,6	-	-	-		
87	OHX	1	3512	88	0,6,6	-	-	-		
87	OHX	1	3447	-	0,6,6	-	-	-		
87	OHX	1	3516	-	0,6,6	-	-	-		
87	OHX	1	3625	36	0,6,6	-	-	-		
87	OHX	1	3610	-	0,6,6	-	-	-		
87	OHX	6	2092	88,87	0,6,6	-	-	-		
87	OHX	5	3641	87	0,6,6	-	-	-		
87	OHX	2	2067	-	0,6,6	-	-	-		
87	OHX	6	1939	87	0,6,6	-	-	-		
87	OHX	6	1975	80,87	0,6,6	-	-	-		
87	OHX	5	3446	88	0,6,6	-	-	-		
87	OHX	6	1904	80	0,6,6	-	-	-		
87	OHX	5	3694	-	0,6,6	-	-	-		
87	OHX	6	1981	-	0,6,6	-	-	-		
87	OHX	1	3529	-	0,6,6	-	-	-		
87	OHX	1	3445	88	0,6,6	-	-	-		
87	OHX	5	3791	88	0,6,6	-	-	-		
87	OHX	1	3765	-	0,6,6	-	-	-		
87	OHX	5	3753	87	0,6,6	-	-	-		
87	OHX	07	502	-	0,6,6	-	-	-		
87	OHX	2	2053	87	0,6,6	-	-	-		
87	OHX	6	1941	80	0,6,6	-	-	-		
87	OHX	6	2081	-	0,6,6	-	-	-		
87	OHX	6	1907	80	0,6,6	-	-	-		
87	OHX	2	2054	88,87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2064	87	0,6,6	-	-	-		
87	OHX	5	3672	36	0,6,6	-	-	-		
87	OHX	2	1945	87	0,6,6	-	-	-		
87	OHX	8	214	-	0,6,6	-	-	-		
87	OHX	5	3777	-	0,6,6	-	-	-		
87	OHX	1	3538	88	0,6,6	-	-	-		
87	OHX	1	3485	87	0,6,6	-	-	-		
87	OHX	5	3625	36,88	0,6,6	-	-	-		
87	OHX	1	3422	-	0,6,6	-	-	-		
87	OHX	2	1970	87	0,6,6	-	-	-		
87	OHX	6	2095	-	0,6,6	-	-	-		
87	OHX	5	3732	87	0,6,6	-	-	-		
87	OHX	1	3559	88	0,6,6	-	-	-		
87	OHX	1	3583	36	0,6,6	-	-	-		
87	OHX	5	3794	36,88	0,6,6	-	-	-		
87	OHX	5	3588	88	0,6,6	-	-	-		
87	OHX	5	3410	88	0,6,6	-	-	-		
87	OHX	1	3522	-	0,6,6	-	-	-		
87	OHX	4	204	-	0,6,6	-	-	-		
87	OHX	1	3640	88	0,6,6	-	-	-		
87	OHX	5	3678	-	0,6,6	-	-	-		
87	OHX	1	3550	-	0,6,6	-	-	-		
87	OHX	1	3519	88	0,6,6	-	-	-		
87	OHX	1	3563	88	0,6,6	-	-	-		
87	OHX	2	2038	-	0,6,6	-	-	-		
87	OHX	C8	201	88,87	0,6,6	-	-	-		
87	OHX	5	3674	-	0,6,6	-	-	-		
87	OHX	4	217	-	0,6,6	-	-	-		
87	OHX	2	1944	88	0,6,6	-	-	-		
87	OHX	5	3801	87	0,6,6	-	-	-		
87	OHX	1	3459	-	0,6,6	-	-	-		
87	OHX	2	2025	88	0,6,6	-	-	-		
87	OHX	5	3436	-	0,6,6	-	-	-		
87	OHX	5	3774	-	0,6,6	-	-	-		
87	OHX	5	3424	-	0,6,6	-	-	-		
87	OHX	1	3580	36	0,6,6	-	-	-		
87	OHX	5	3451	87	0,6,6	-	-	-		
87	OHX	5	3755	-	0,6,6	-	-	-		
87	OHX	5	3455	36	0,6,6	-	-	-		
87	OHX	1	3539	-	0,6,6	-	-	-		
87	OHX	8	213	-	0,6,6	-	-	-		
87	OHX	5	3472	88	0,6,6	-	-	-		
87	OHX	5	3456	36,87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	m9	201	-	0,6,6	-	-	-		
87	OHX	1	3637	-	0,6,6	-	-	-		
87	OHX	1	3620	36	0,6,6	-	-	-		
87	OHX	5	3724	88	0,6,6	-	-	-		
87	OHX	5	3468	-	0,6,6	-	-	-		
87	OHX	1	3670	88	0,6,6	-	-	-		
87	OHX	1	3556	36	0,6,6	-	-	-		
87	OHX	6	2067	87	0,6,6	-	-	-		
87	OHX	1	3450	88	0,6,6	-	-	-		
87	OHX	2	1990	1,87	0,6,6	-	-	-		
87	OHX	5	3645	36,88	0,6,6	-	-	-		
87	OHX	5	3758	36	0,6,6	-	-	-		
87	OHX	1	3435	-	0,6,6	-	-	-		
87	OHX	5	3778	36	0,6,6	-	-	-		
87	OHX	5	3767	87	0,6,6	-	-	-		
87	OHX	1	3614	88	0,6,6	-	-	-		
87	OHX	1	3402	-	0,6,6	-	-	-		
87	OHX	1	3434	87	0,6,6	-	-	-		
87	OHX	2	1915	1,87	0,6,6	-	-	-		
87	OHX	5	3780	-	0,6,6	-	-	-		
87	OHX	6	2003	80	0,6,6	-	-	-		
87	OHX	5	3750	-	0,6,6	-	-	-		
87	OHX	5	3597	-	0,6,6	-	-	-		
87	OHX	1	3443	88	0,6,6	-	-	-		
87	OHX	1	3582	88	0,6,6	-	-	-		
87	OHX	5	3403	36	0,6,6	-	-	-		
87	OHX	1	3742	87	0,6,6	-	-	-		
87	OHX	2	1926	-	0,6,6	-	-	-		
87	OHX	5	3458	36	0,6,6	-	-	-		
87	OHX	2	2082	1,87	0,6,6	-	-	-		
87	OHX	1	3462	88	0,6,6	-	-	-		
87	OHX	1	3423	88	0,6,6	-	-	-		
87	OHX	1	3530	88	0,6,6	-	-	-		
87	OHX	1	3588	88	0,6,6	-	-	-		
87	OHX	5	3473	36	0,6,6	-	-	-		
87	OHX	5	3690	-	0,6,6	-	-	-		
87	OHX	5	3495	88	0,6,6	-	-	-		
87	OHX	1	3508	-	0,6,6	-	-	-		
87	OHX	5	3677	-	0,6,6	-	-	-		
87	OHX	1	3709	-	0,6,6	-	-	-		
87	OHX	1	3608	87	0,6,6	-	-	-		
87	OHX	5	3434	36,88	0,6,6	-	-	-		
87	OHX	5	3814	36,87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3662	-	0,6,6	-	-	-		
87	OHX	5	3784	87	0,6,6	-	-	-		
87	OHX	5	3557	87	0,6,6	-	-	-		
87	OHX	6	1916	-	0,6,6	-	-	-		
87	OHX	L4	401	-	0,6,6	-	-	-		
87	OHX	1	3752	36,87	0,6,6	-	-	-		
87	OHX	2	2013	1	0,6,6	-	-	-		
87	OHX	c3	201	-	0,6,6	-	-	-		
87	OHX	5	3742	36	0,6,6	-	-	-		
87	OHX	5	3660	87	0,6,6	-	-	-		
87	OHX	C3	201	-	0,6,6	-	-	-		
87	OHX	5	3661	-	0,6,6	-	-	-		
87	OHX	1	3720	87	0,6,6	-	-	-		
87	OHX	8	202	38	0,6,6	-	-	-		
87	OHX	5	3488	36	0,6,6	-	-	-		
87	OHX	7	204	88	0,6,6	-	-	-		
87	OHX	1	3571	87	0,6,6	-	-	-		
87	OHX	5	3444	87	0,6,6	-	-	-		
87	OHX	6	1911	80	0,6,6	-	-	-		
87	OHX	6	1918	87	0,6,6	-	-	-		
87	OHX	5	3719	88	0,6,6	-	-	-		
87	OHX	5	3781	-	0,6,6	-	-	-		
87	OHX	4	211	88	0,6,6	-	-	-		
87	OHX	1	3403	-	0,6,6	-	-	-		
87	OHX	L3	402	-	0,6,6	-	-	-		
87	OHX	6	1927	80,88	0,6,6	-	-	-		
87	OHX	1	3548	-	0,6,6	-	-	-		
87	OHX	1	3504	87	0,6,6	-	-	-		
87	OHX	1	3401	-	0,6,6	-	-	-		
87	OHX	1	3737	87	0,6,6	-	-	-		
87	OHX	1	3744	87	0,6,6	-	-	-		
87	OHX	1	4509	87	0,6,6	-	-	-		
87	OHX	5	3407	36	0,6,6	-	-	-		
87	OHX	1	3585	-	0,6,6	-	-	-		
87	OHX	1	3733	36	0,6,6	-	-	-		
87	OHX	6	1915	-	0,6,6	-	-	-		
87	OHX	2	2001	-	0,6,6	-	-	-		
87	OHX	5	3702	88	0,6,6	-	-	-		
87	OHX	m0	301	87	0,6,6	-	-	-		
87	OHX	5	3591	-	0,6,6	-	-	-		
87	OHX	1	3639	88	0,6,6	-	-	-		
87	OHX	1	3418	36,87	0,6,6	-	-	-		
87	OHX	6	1919	80,87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2031	-	0,6,6	-	-	-		
87	OHX	3	205	87	0,6,6	-	-	-		
87	OHX	1	3768	-	0,6,6	-	-	-		
87	OHX	1	3810	36,87	0,6,6	-	-	-		
87	OHX	5	3513	88,87	0,6,6	-	-	-		
87	OHX	5	3663	-	0,6,6	-	-	-		
87	OHX	6	1960	-	0,6,6	-	-	-		
87	OHX	1	3451	87	0,6,6	-	-	-		
87	OHX	1	3552	-	0,6,6	-	-	-		
87	OHX	l5	302	-	0,6,6	-	-	-		
87	OHX	1	3555	87	0,6,6	-	-	-		
87	OHX	1	3460	87	0,6,6	-	-	-		
87	OHX	5	3402	36,88	0,6,6	-	-	-		
87	OHX	c5	202	17	0,6,6	-	-	-		
87	OHX	5	3507	36	0,6,6	-	-	-		
87	OHX	1	3701	87	0,6,6	-	-	-		
87	OHX	5	3556	36,87	0,6,6	-	-	-		
87	OHX	2	1984	87	0,6,6	-	-	-		
87	OHX	7	205	-	0,6,6	-	-	-		
87	OHX	1	3544	88	0,6,6	-	-	-		
87	OHX	l5	303	-	0,6,6	-	-	-		
87	OHX	2	1938	-	0,6,6	-	-	-		
87	OHX	1	3551	-	0,6,6	-	-	-		
87	OHX	5	3412	-	0,6,6	-	-	-		
87	OHX	6	1988	-	0,6,6	-	-	-		
87	OHX	5	3536	87	0,6,6	-	-	-		
87	OHX	5	3760	-	0,6,6	-	-	-		
87	OHX	2	1950	-	0,6,6	-	-	-		
87	OHX	6	2035	-	0,6,6	-	-	-		
87	OHX	1	3802	88	0,6,6	-	-	-		
87	OHX	5	3558	-	0,6,6	-	-	-		
87	OHX	6	2033	-	0,6,6	-	-	-		
87	OHX	6	2056	80,88	0,6,6	-	-	-		
87	OHX	1	3673	-	0,6,6	-	-	-		
87	OHX	6	2070	80,87	0,6,6	-	-	-		
87	OHX	2	2089	87	0,6,6	-	-	-		
87	OHX	1	3753	36,88,87	0,6,6	-	-	-		
87	OHX	3	206	-	0,6,6	-	-	-		
87	OHX	2	2028	1	0,6,6	-	-	-		
87	OHX	6	2037	80,88	0,6,6	-	-	-		
87	OHX	5	3414	88	0,6,6	-	-	-		
87	OHX	1	3598	87	0,6,6	-	-	-		
87	OHX	1	3458	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3792	36,88,87	0,6,6	-	-	-		
87	OHX	n3	201	-	0,6,6	-	-	-		
87	OHX	5	3406	36	0,6,6	-	-	-		
87	OHX	5	3573	36	0,6,6	-	-	-		
87	OHX	1	3763	87	0,6,6	-	-	-		
87	OHX	5	3770	-	0,6,6	-	-	-		
87	OHX	1	3672	-	0,6,6	-	-	-		
87	OHX	2	1958	-	0,6,6	-	-	-		
87	OHX	1	3754	36,88	0,6,6	-	-	-		
87	OHX	5	3484	36	0,6,6	-	-	-		
87	OHX	2	2008	87	0,6,6	-	-	-		
87	OHX	3	201	-	0,6,6	-	-	-		
87	OHX	5	3577	36	0,6,6	-	-	-		
87	OHX	5	3638	36,87	0,6,6	-	-	-		
87	OHX	5	3704	87	0,6,6	-	-	-		
87	OHX	1	3417	88	0,6,6	-	-	-		
87	OHX	1	3619	-	0,6,6	-	-	-		
87	OHX	5	3520	87	0,6,6	-	-	-		
87	OHX	6	2001	-	0,6,6	-	-	-		
87	OHX	2	1967	-	0,6,6	-	-	-		
87	OHX	2	2069	88,87	0,6,6	-	-	-		
87	OHX	5	3762	-	0,6,6	-	-	-		
87	OHX	5	3452	-	0,6,6	-	-	-		
87	OHX	6	1954	87	0,6,6	-	-	-		
87	OHX	1	3703	-	0,6,6	-	-	-		
87	OHX	1	3717	87	0,6,6	-	-	-		
87	OHX	1	3713	87	0,6,6	-	-	-		
87	OHX	5	3630	88,87	0,6,6	-	-	-		
87	OHX	1	3413	-	0,6,6	-	-	-		
87	OHX	5	3578	87	0,6,6	-	-	-		
87	OHX	2	2002	-	0,6,6	-	-	-		
87	OHX	2	2058	-	0,6,6	-	-	-		
87	OHX	5	3740	-	0,6,6	-	-	-		
87	OHX	2	2061	-	0,6,6	-	-	-		
87	OHX	1	3603	-	0,6,6	-	-	-		
87	OHX	L3	401	-	0,6,6	-	-	-		
87	OHX	1	3566	88	0,6,6	-	-	-		
87	OHX	1	3586	87	0,6,6	-	-	-		
87	OHX	s8	301	-	0,6,6	-	-	-		
87	OHX	5	3642	-	0,6,6	-	-	-		
87	OHX	5	3799	88,87	0,6,6	-	-	-		
87	OHX	5	3518	36	0,6,6	-	-	-		
87	OHX	6	2004	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3581	-	0,6,6	-	-	-		
87	OHX	1	3531	87	0,6,6	-	-	-		
87	OHX	1	3568	-	0,6,6	-	-	-		
87	OHX	1	3441	-	0,6,6	-	-	-		
87	OHX	2	2075	-	0,6,6	-	-	-		
87	OHX	1	3797	87	0,6,6	-	-	-		
87	OHX	2	2087	87	0,6,6	-	-	-		
87	OHX	7	212	88	0,6,6	-	-	-		
87	OHX	5	3772	-	0,6,6	-	-	-		
87	OHX	5	3692	36,88	0,6,6	-	-	-		
87	OHX	2	2011	88	0,6,6	-	-	-		
87	OHX	o9	101	88	0,6,6	-	-	-		
87	OHX	1	3567	87	0,6,6	-	-	-		
87	OHX	1	3628	-	0,6,6	-	-	-		
87	OHX	6	2048	-	0,6,6	-	-	-		
87	OHX	2	2036	-	0,6,6	-	-	-		
87	OHX	5	3405	36	0,6,6	-	-	-		
87	OHX	6	2028	80	0,6,6	-	-	-		
87	OHX	2	1934	-	0,6,6	-	-	-		
87	OHX	5	3682	88	0,6,6	-	-	-		
87	OHX	5	3563	88	0,6,6	-	-	-		
87	OHX	6	2052	80	0,6,6	-	-	-		
87	OHX	5	3416	36,88	0,6,6	-	-	-		
87	OHX	6	2012	80	0,6,6	-	-	-		
87	OHX	5	3700	87	0,6,6	-	-	-		
87	OHX	5	3494	-	0,6,6	-	-	-		
87	OHX	1	3699	36	0,6,6	-	-	-		
87	OHX	5	3541	-	0,6,6	-	-	-		
87	OHX	6	2011	88	0,6,6	-	-	-		
87	OHX	5	3554	36,88	0,6,6	-	-	-		
87	OHX	2	1907	87	0,6,6	-	-	-		
87	OHX	5	3537	87	0,6,6	-	-	-		
87	OHX	2	2020	-	0,6,6	-	-	-		
87	OHX	1	3766	-	0,6,6	-	-	-		
87	OHX	5	3741	88	0,6,6	-	-	-		
87	OHX	1	3677	87	0,6,6	-	-	-		
87	OHX	5	3431	-	0,6,6	-	-	-		
87	OHX	1	3790	87	0,6,6	-	-	-		
87	OHX	2	2077	1,87	0,6,6	-	-	-		
87	OHX	5	3680	-	0,6,6	-	-	-		
87	OHX	6	1990	80	0,6,6	-	-	-		
87	OHX	1	3547	-	0,6,6	-	-	-		
87	OHX	5	3470	36	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3589	88	0,6,6	-	-	-		
87	OHX	7	201	37	0,6,6	-	-	-		
87	OHX	13	402	-	0,6,6	-	-	-		
87	OHX	4	210	88	0,6,6	-	-	-		
87	OHX	1	3498	36,88,87	0,6,6	-	-	-		
87	OHX	2	1959	-	0,6,6	-	-	-		
87	OHX	5	3679	36,87	0,6,6	-	-	-		
87	OHX	3	212	-	0,6,6	-	-	-		
87	OHX	6	2069	87	0,6,6	-	-	-		
87	OHX	5	3465	-	0,6,6	-	-	-		
87	OHX	5	3695	36,88	0,6,6	-	-	-		
87	OHX	5	3404	88	0,6,6	-	-	-		
87	OHX	1	3615	36	0,6,6	-	-	-		
87	OHX	1	3651	88	0,6,6	-	-	-		
87	OHX	6	1953	-	0,6,6	-	-	-		
87	OHX	O3	201	88	0,6,6	-	-	-		
87	OHX	8	204	-	0,6,6	-	-	-		
87	OHX	1	3708	-	0,6,6	-	-	-		
87	OHX	5	3806	87	0,6,6	-	-	-		
87	OHX	3	204	-	0,6,6	-	-	-		
87	OHX	5	3668	-	0,6,6	-	-	-		
87	OHX	6	1983	80	0,6,6	-	-	-		
87	OHX	6	2073	-	0,6,6	-	-	-		
87	OHX	1	3444	-	0,6,6	-	-	-		
87	OHX	5	3491	88	0,6,6	-	-	-		
87	OHX	5	3665	88	0,6,6	-	-	-		
87	OHX	1	3406	36	0,6,6	-	-	-		
87	OHX	5	3796	-	0,6,6	-	-	-		
87	OHX	1	3480	-	0,6,6	-	-	-		
87	OHX	5	3487	88	0,6,6	-	-	-		
87	OHX	6	1921	-	0,6,6	-	-	-		
87	OHX	6	1922	-	0,6,6	-	-	-		
87	OHX	5	3738	-	0,6,6	-	-	-		
87	OHX	5	3703	-	0,6,6	-	-	-		
87	OHX	5	4574	37,88,87	0,6,6	-	-	-		
87	OHX	5	3714	-	0,6,6	-	-	-		
87	OHX	2	2004	-	0,6,6	-	-	-		
87	OHX	6	2079	88	0,6,6	-	-	-		
87	OHX	2	1983	-	0,6,6	-	-	-		
87	OHX	5	3604	36	0,6,6	-	-	-		
87	OHX	2	1909	87	0,6,6	-	-	-		
87	OHX	2	2057	88	0,6,6	-	-	-		
87	OHX	2	2081	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3593	-	0,6,6	-	-	-		
87	OHX	5	3669	36,87	0,6,6	-	-	-		
87	OHX	2	1914	1	0,6,6	-	-	-		
87	OHX	8	201	-	0,6,6	-	-	-		
87	OHX	5	3506	-	0,6,6	-	-	-		
87	OHX	2	1908	-	0,6,6	-	-	-		
87	OHX	2	1905	-	0,6,6	-	-	-		
87	OHX	1	3591	87	0,6,6	-	-	-		
87	OHX	1	3478	-	0,6,6	-	-	-		
87	OHX	1	3502	87	0,6,6	-	-	-		
87	OHX	1	3759	87	0,6,6	-	-	-		
87	OHX	1	3632	-	0,6,6	-	-	-		
87	OHX	5	3467	87	0,6,6	-	-	-		
87	OHX	2	2049	-	0,6,6	-	-	-		
87	OHX	5	3769	36	0,6,6	-	-	-		
87	OHX	1	3743	36,88	0,6,6	-	-	-		
87	OHX	6	2050	80	0,6,6	-	-	-		
87	OHX	4	207	88	0,6,6	-	-	-		
87	OHX	1	3611	87	0,6,6	-	-	-		
87	OHX	5	3687	87	0,6,6	-	-	-		
87	OHX	1	3463	-	0,6,6	-	-	-		
87	OHX	2	1954	87	0,6,6	-	-	-		
87	OHX	M0	301	87	0,6,6	-	-	-		
87	OHX	6	1959	87	0,6,6	-	-	-		
87	OHX	5	3450	36,87	0,6,6	-	-	-		
87	OHX	2	2086	88	0,6,6	-	-	-		
87	OHX	2	2065	-	0,6,6	-	-	-		
87	OHX	6	1943	-	0,6,6	-	-	-		
87	OHX	5	3749	36,87	0,6,6	-	-	-		
87	OHX	1	3419	-	0,6,6	-	-	-		
87	OHX	1	3534	36,88	0,6,6	-	-	-		
87	OHX	2	2005	-	0,6,6	-	-	-		
87	OHX	2	1977	87	0,6,6	-	-	-		
87	OHX	5	3420	36	0,6,6	-	-	-		
87	OHX	2	1961	87	0,6,6	-	-	-		
87	OHX	2	1999	-	0,6,6	-	-	-		
87	OHX	6	2096	80,87	0,6,6	-	-	-		
87	OHX	6	1948	80,87	0,6,6	-	-	-		
87	OHX	5	3504	36	0,6,6	-	-	-		
87	OHX	14	401	-	0,6,6	-	-	-		
87	OHX	1	3757	-	0,6,6	-	-	-		
87	OHX	6	1945	80,88	0,6,6	-	-	-		
87	OHX	6	1950	80,88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3419	36,88	0,6,6	-	-	-		
87	OHX	5	3437	88	0,6,6	-	-	-		
87	OHX	M0	304	87	0,6,6	-	-	-		
87	OHX	1	3741	-	0,6,6	-	-	-		
87	OHX	1	3634	88	0,6,6	-	-	-		
87	OHX	5	3745	87	0,6,6	-	-	-		
87	OHX	1	3528	-	0,6,6	-	-	-		
87	OHX	5	3756	87	0,6,6	-	-	-		
87	OHX	5	3746	36	0,6,6	-	-	-		
87	OHX	2	2018	87	0,6,6	-	-	-		
87	OHX	2	2044	88	0,6,6	-	-	-		
87	OHX	5	3521	-	0,6,6	-	-	-		
87	OHX	2	1902	-	0,6,6	-	-	-		
87	OHX	5	3480	-	0,6,6	-	-	-		
87	OHX	5	3561	-	0,6,6	-	-	-		
87	OHX	5	3629	36	0,6,6	-	-	-		
87	OHX	5	3475	-	0,6,6	-	-	-		
87	OHX	1	3427	87	0,6,6	-	-	-		
87	OHX	2	2080	88,87	0,6,6	-	-	-		
87	OHX	6	1994	-	0,6,6	-	-	-		
87	OHX	8	212	87	0,6,6	-	-	-		
87	OHX	5	3607	-	0,6,6	-	-	-		
87	OHX	2	2006	-	0,6,6	-	-	-		
87	OHX	1	3721	36,88	0,6,6	-	-	-		
87	OHX	1	3594	87	0,6,6	-	-	-		
87	OHX	2	1942	1,88	0,6,6	-	-	-		
87	OHX	5	3648	87	0,6,6	-	-	-		
87	OHX	1	3488	-	0,6,6	-	-	-		
87	OHX	2	1975	87	0,6,6	-	-	-		
87	OHX	5	3418	-	0,6,6	-	-	-		
87	OHX	5	3461	88,87	0,6,6	-	-	-		
87	OHX	4	216	88,87	0,6,6	-	-	-		
87	OHX	2	1953	88	0,6,6	-	-	-		
87	OHX	SR	401	-	0,6,6	-	-	-		
87	OHX	6	2065	-	0,6,6	-	-	-		
87	OHX	1	3557	-	0,6,6	-	-	-		
87	OHX	1	3627	88	0,6,6	-	-	-		
87	OHX	6	1912	-	0,6,6	-	-	-		
87	OHX	2	2032	88	0,6,6	-	-	-		
87	OHX	2	1973	87	0,6,6	-	-	-		
87	OHX	1	3641	88	0,6,6	-	-	-		
87	OHX	2	1994	-	0,6,6	-	-	-		
87	OHX	6	2098	87	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3549	87	0,6,6	-	-	-		
87	OHX	1	3660	-	0,6,6	-	-	-		
87	OHX	1	3429	88	0,6,6	-	-	-		
87	OHX	1	3755	88	0,6,6	-	-	-		
87	OHX	5	3527	36,88	0,6,6	-	-	-		
87	OHX	6	1961	-	0,6,6	-	-	-		
87	OHX	6	1999	-	0,6,6	-	-	-		
87	OHX	1	3804	87	0,6,6	-	-	-		
87	OHX	5	3439	-	0,6,6	-	-	-		
87	OHX	5	3691	-	0,6,6	-	-	-		
87	OHX	2	2035	87	0,6,6	-	-	-		
87	OHX	6	1906	-	0,6,6	-	-	-		
87	OHX	2	2014	-	0,6,6	-	-	-		
87	OHX	1	3452	87	0,6,6	-	-	-		
87	OHX	1	3489	87	0,6,6	-	-	-		
87	OHX	5	3813	87	0,6,6	-	-	-		
87	OHX	1	3433	87	0,6,6	-	-	-		
87	OHX	2	1917	-	0,6,6	-	-	-		
87	OHX	5	3673	88	0,6,6	-	-	-		
87	OHX	5	3643	36	0,6,6	-	-	-		

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
90	PRO	B	3501	-	-	0/0/9/11	0/1/1/1
90	PRO	A	3501	-	-	0/0/9/11	0/1/1/1

There are no bond length outliers.

All (2) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
90	A	3501	PRO	O-C-CA	-2.21	118.98	124.78
90	B	3501	PRO	O-C-CA	-2.21	118.99	124.78

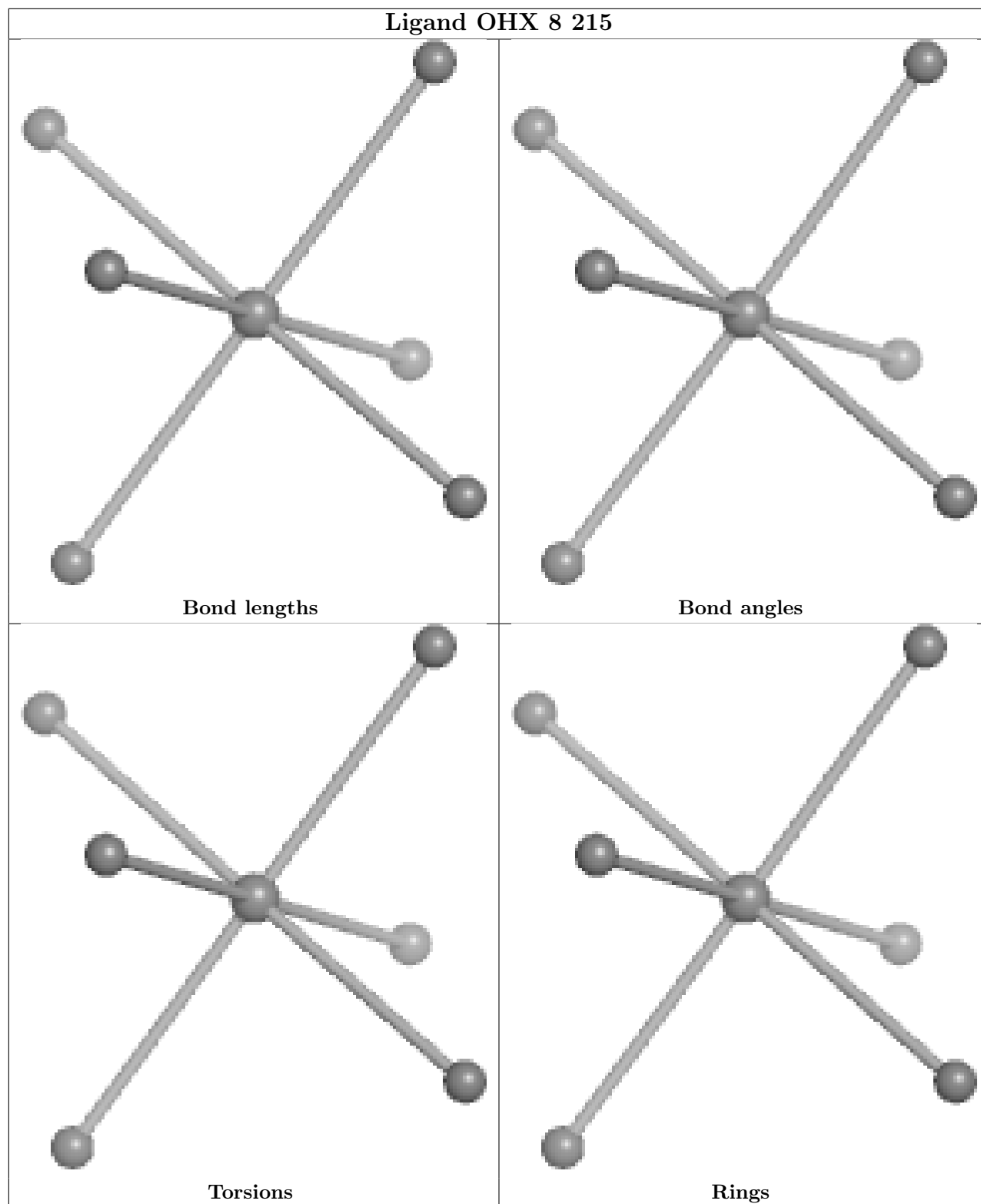
There are no chirality outliers.

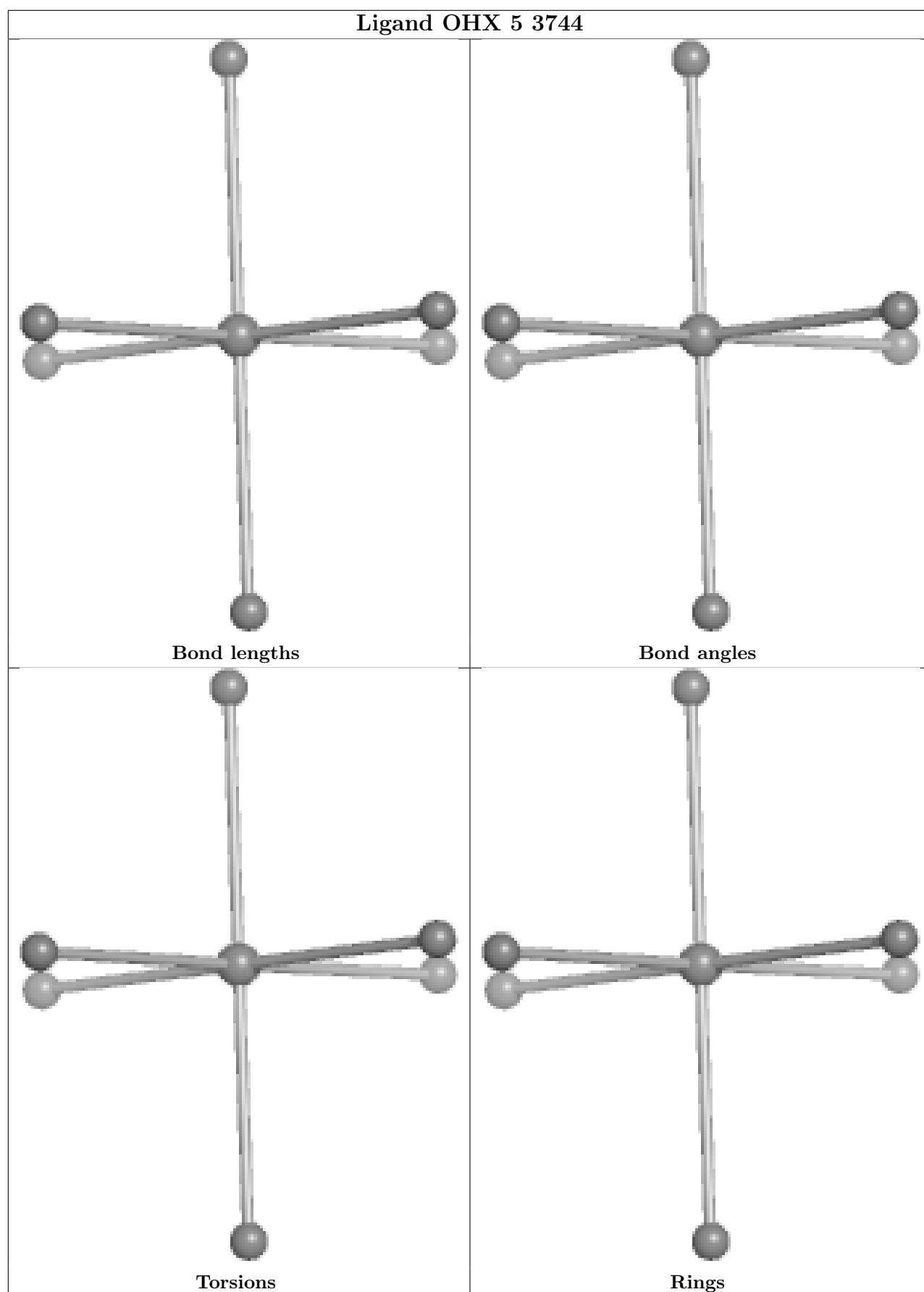
There are no torsion outliers.

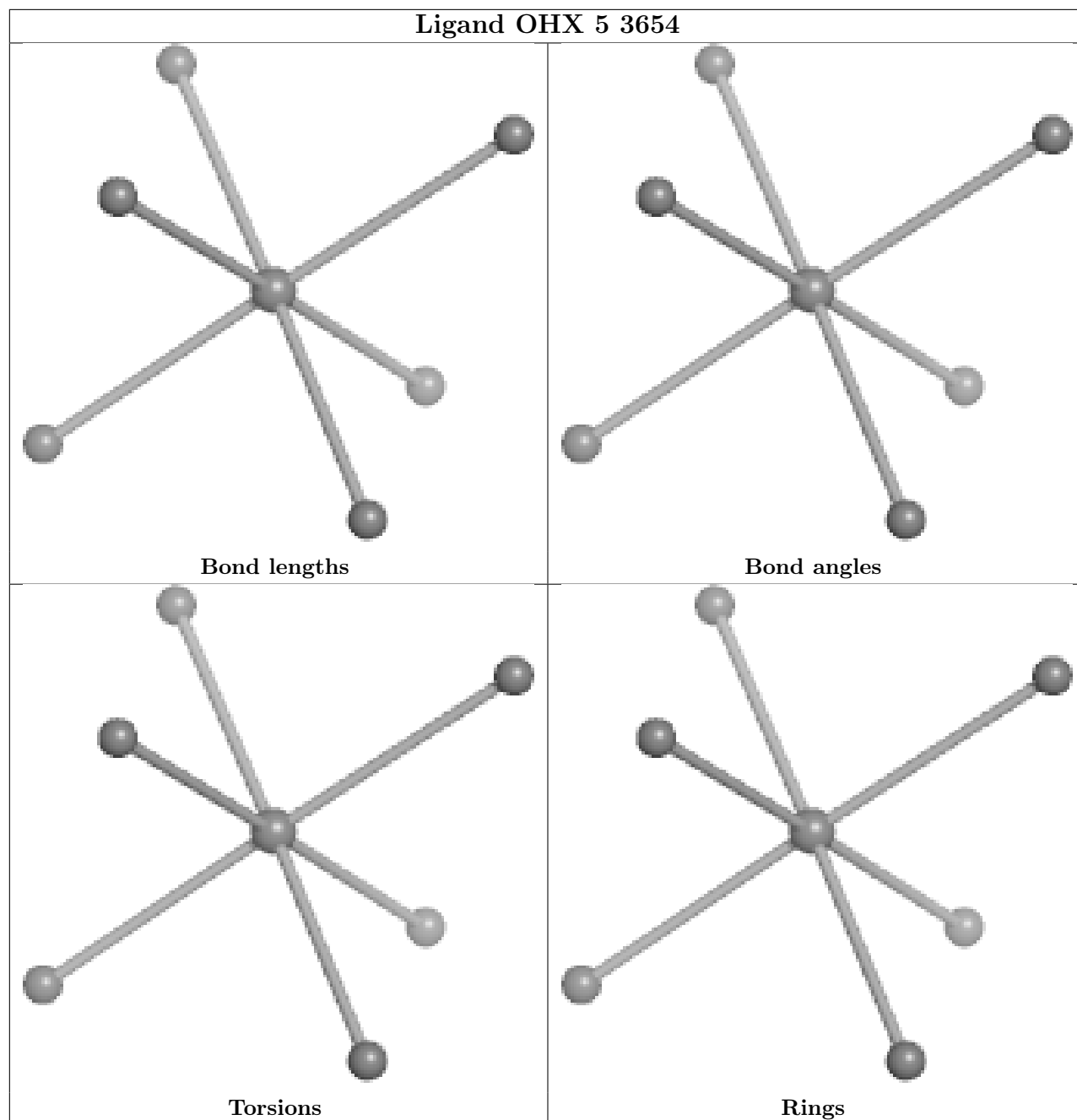
There are no ring outliers.

No monomer is involved in short contacts.

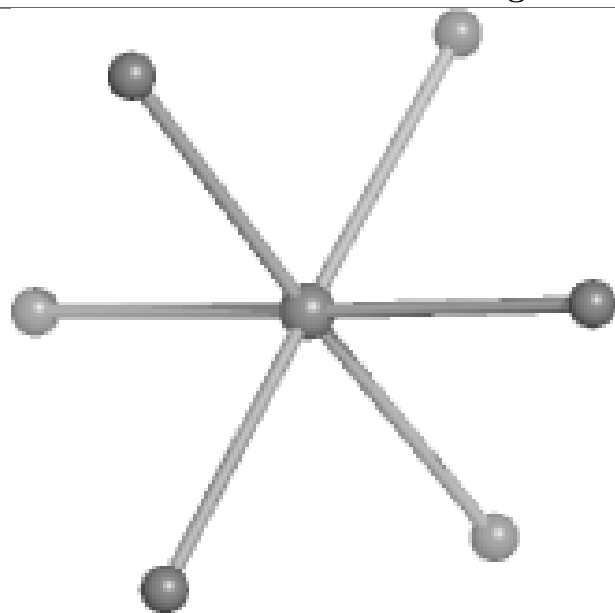
The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less than 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.



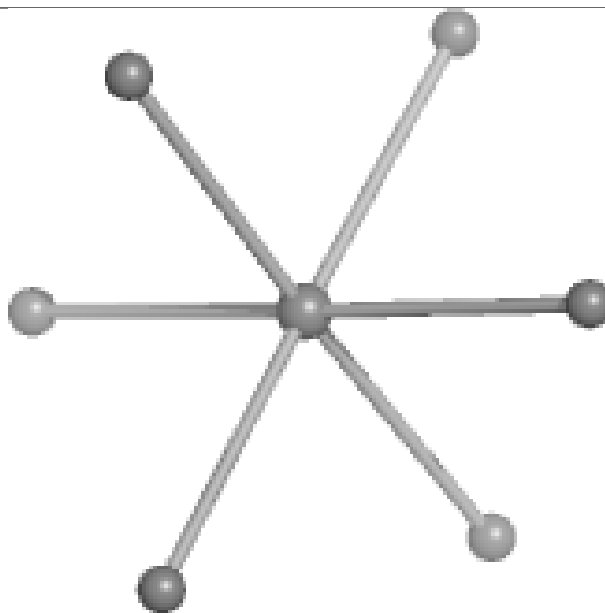




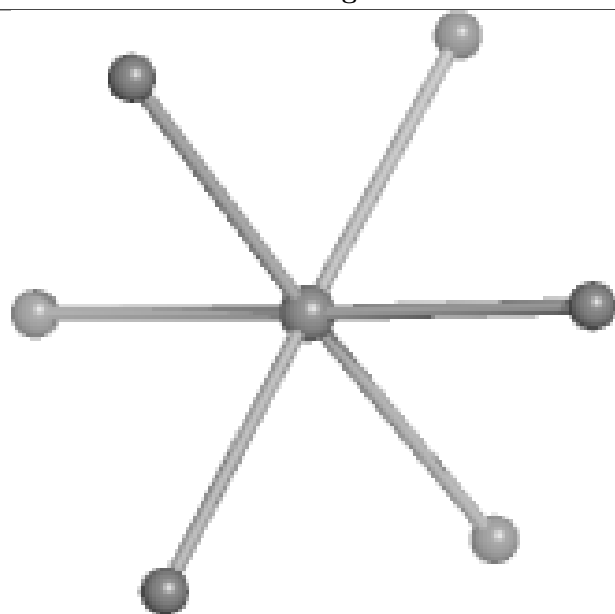
Ligand OHX 5 3684



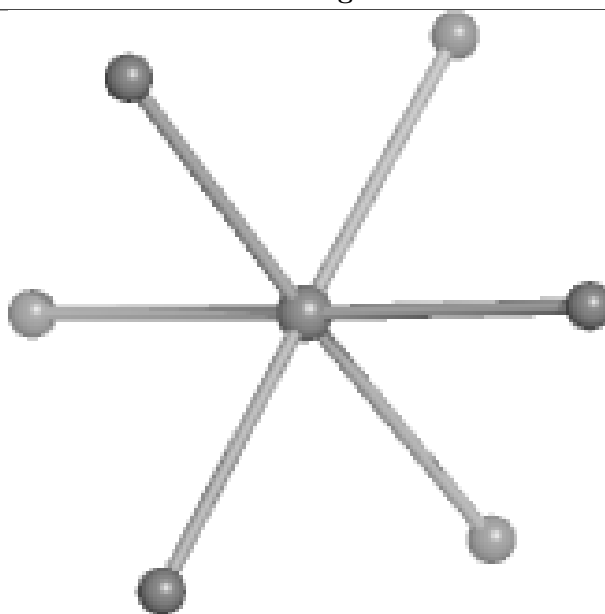
Bond lengths



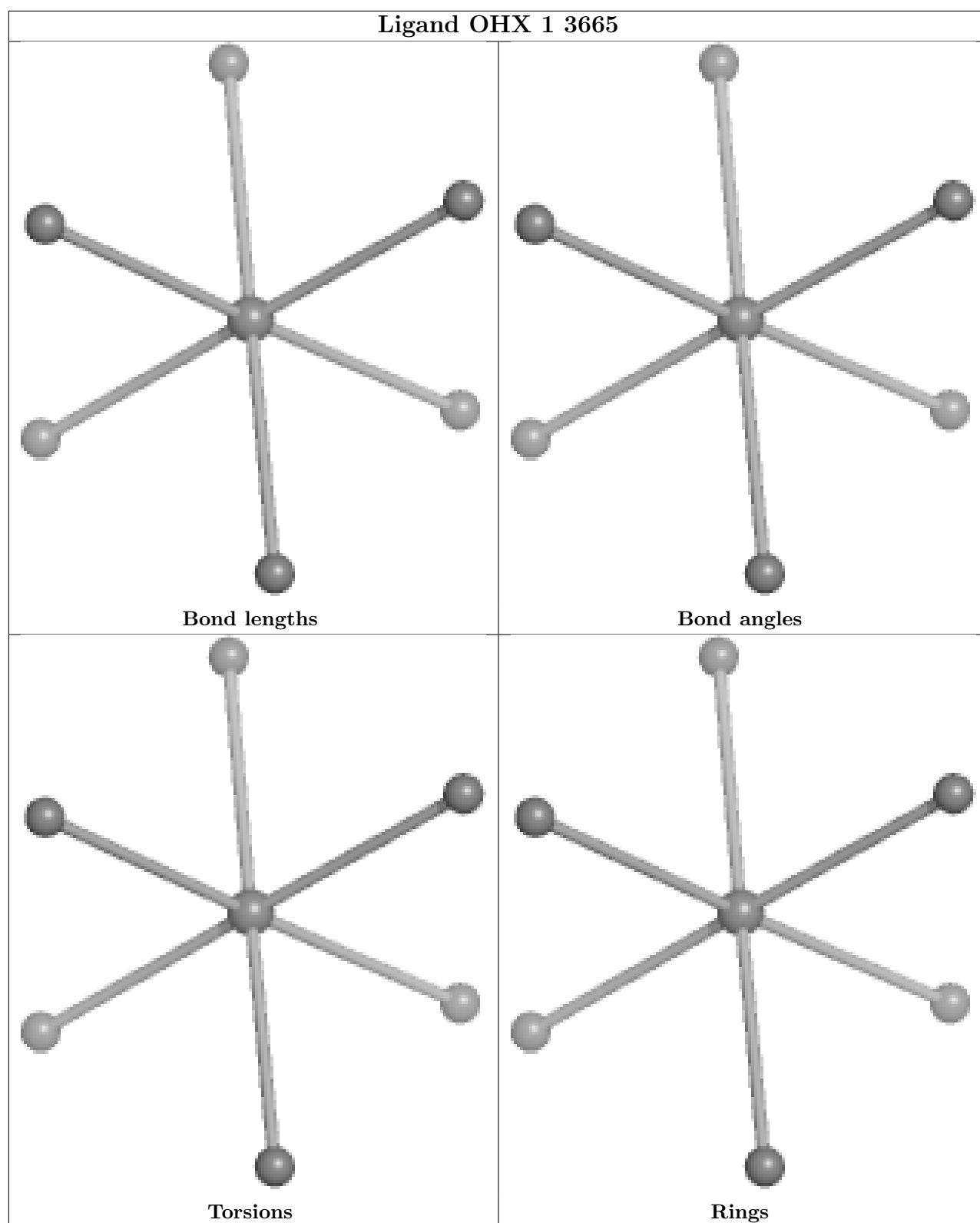
Bond angles

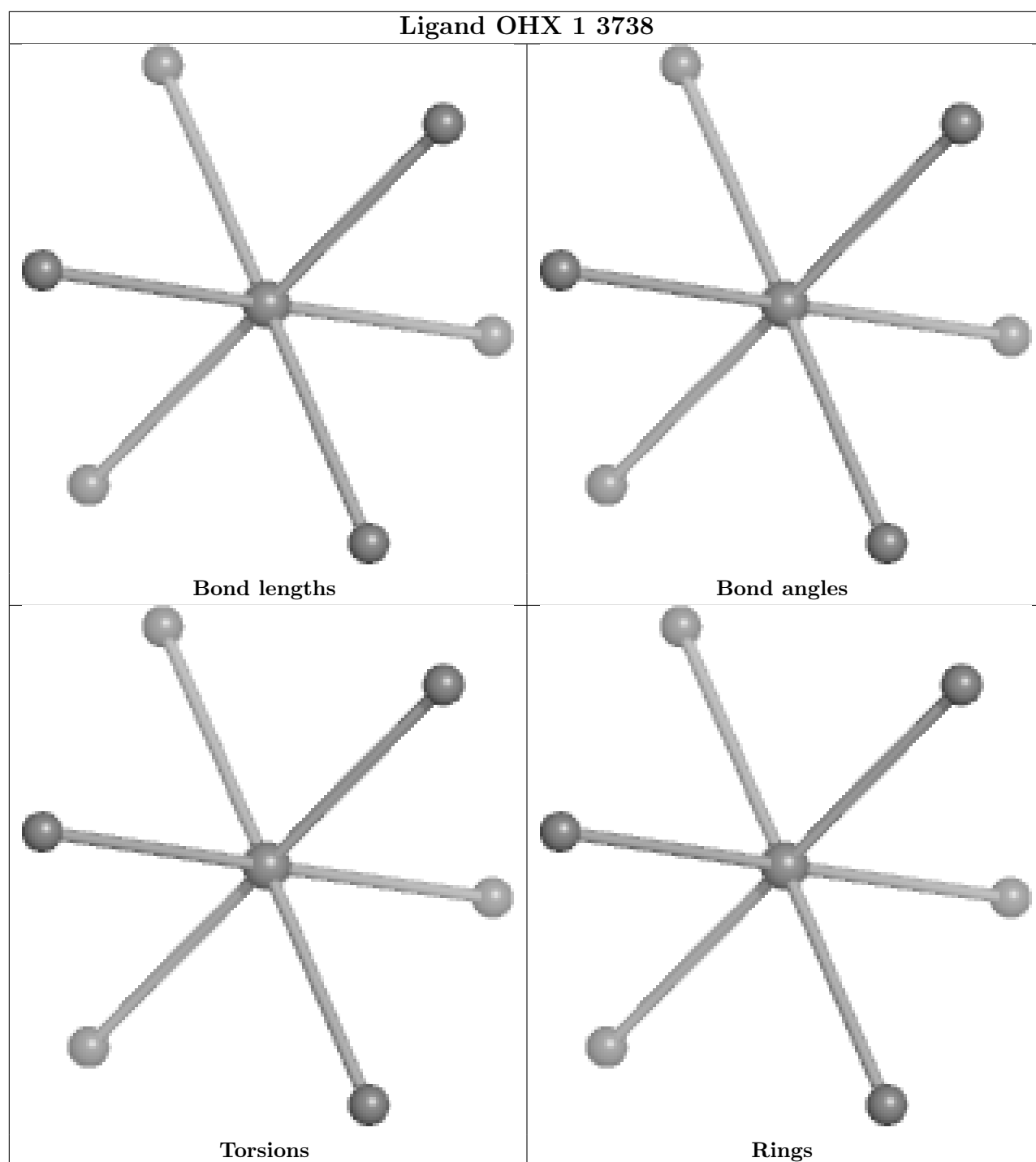


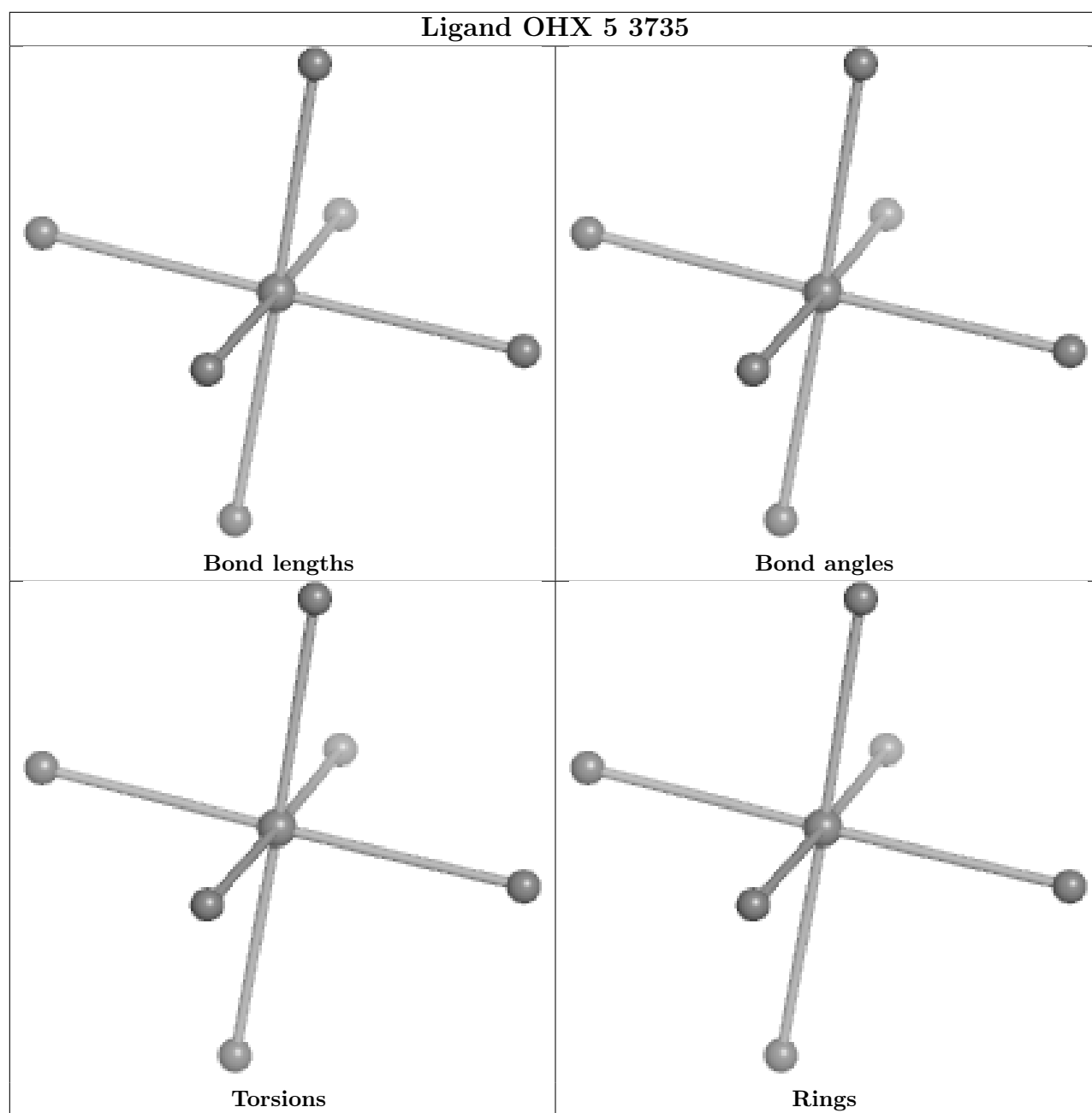
Torsions



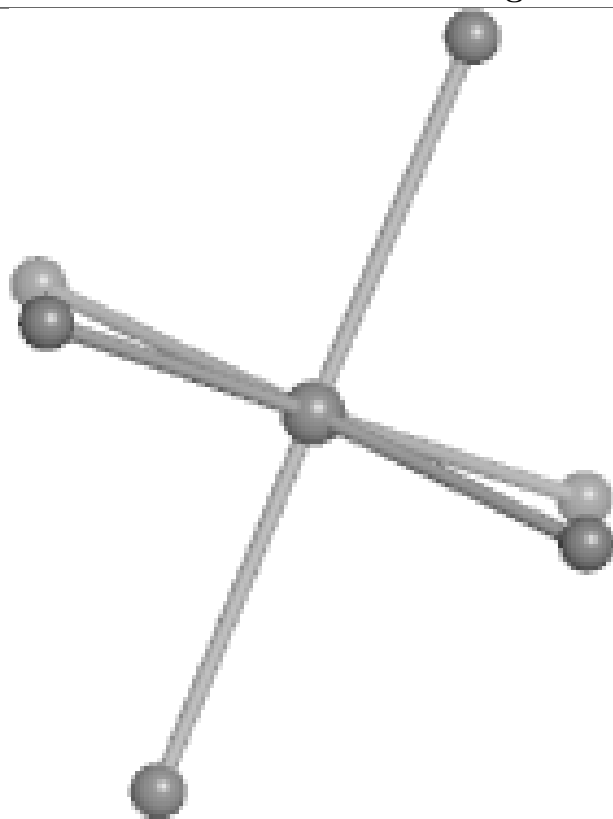
Rings



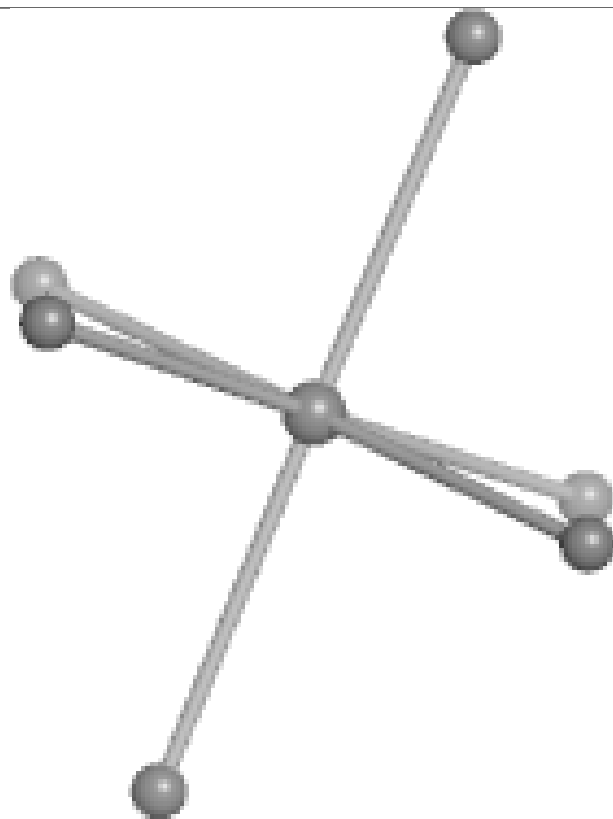




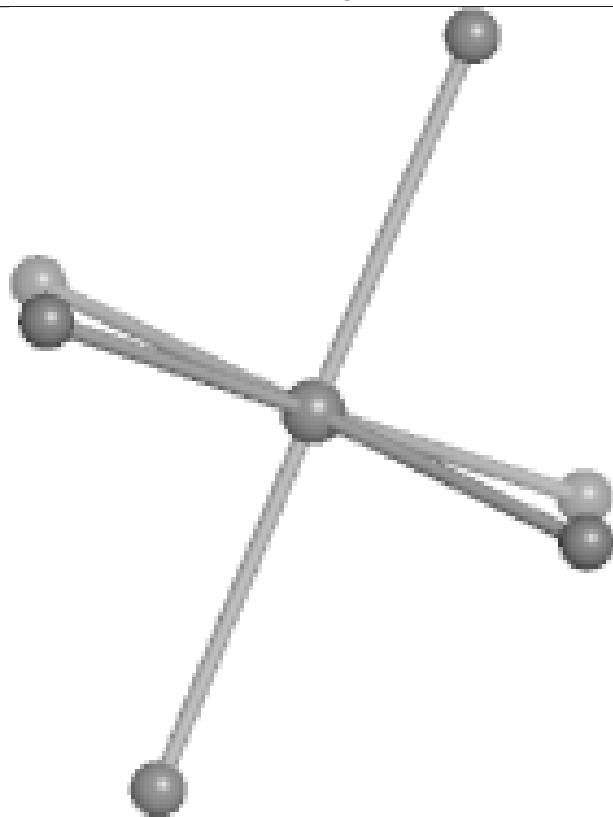
Ligand OHX 1 3799



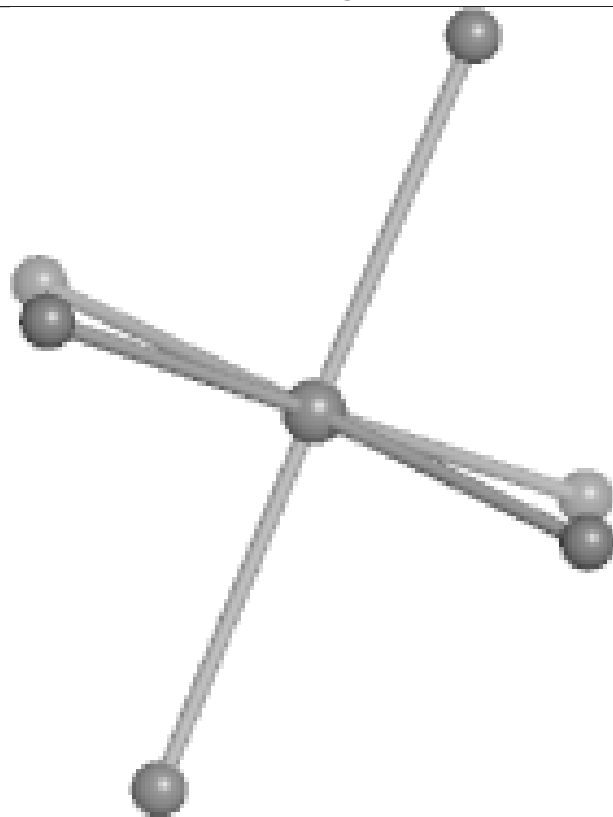
Bond lengths



Bond angles

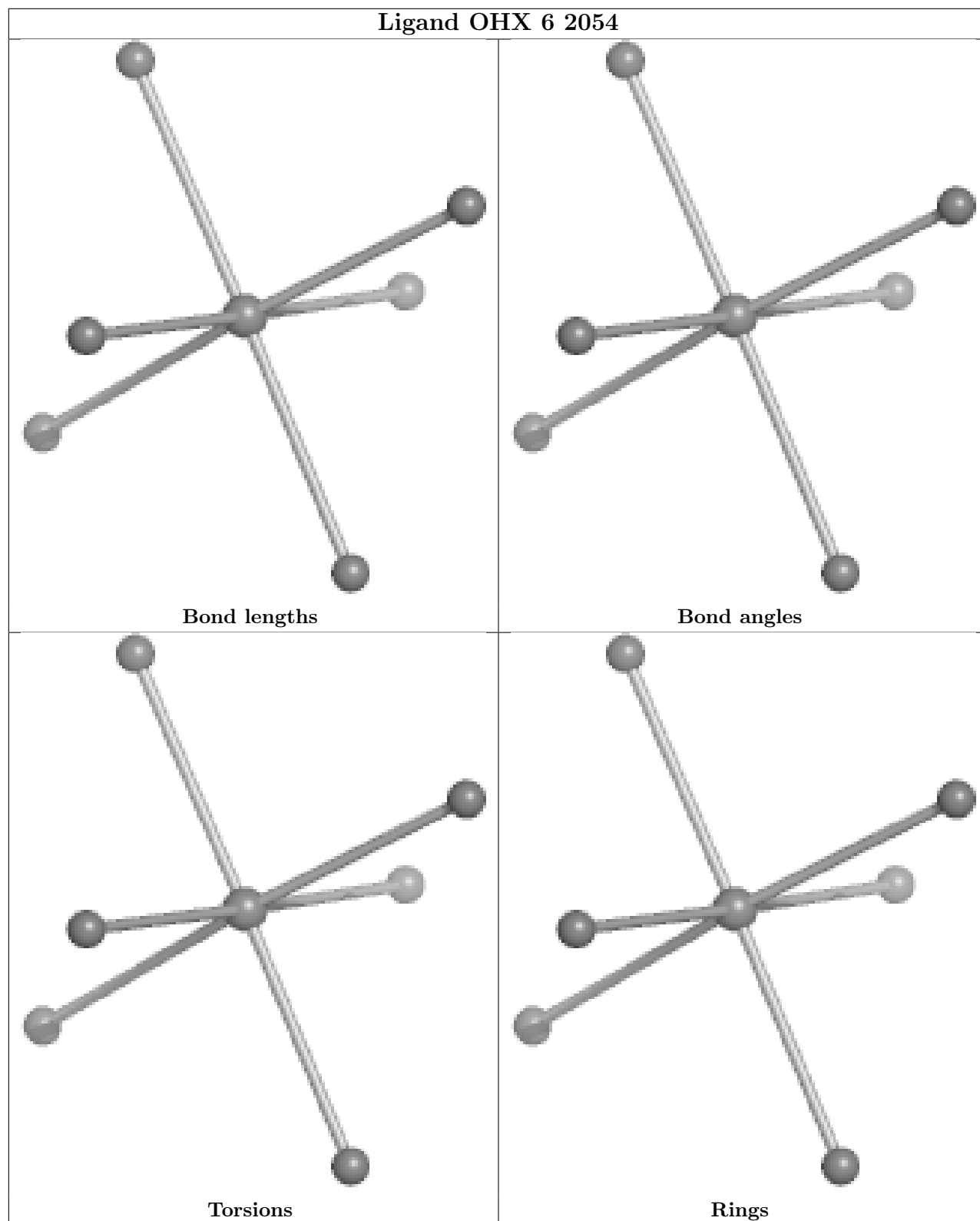


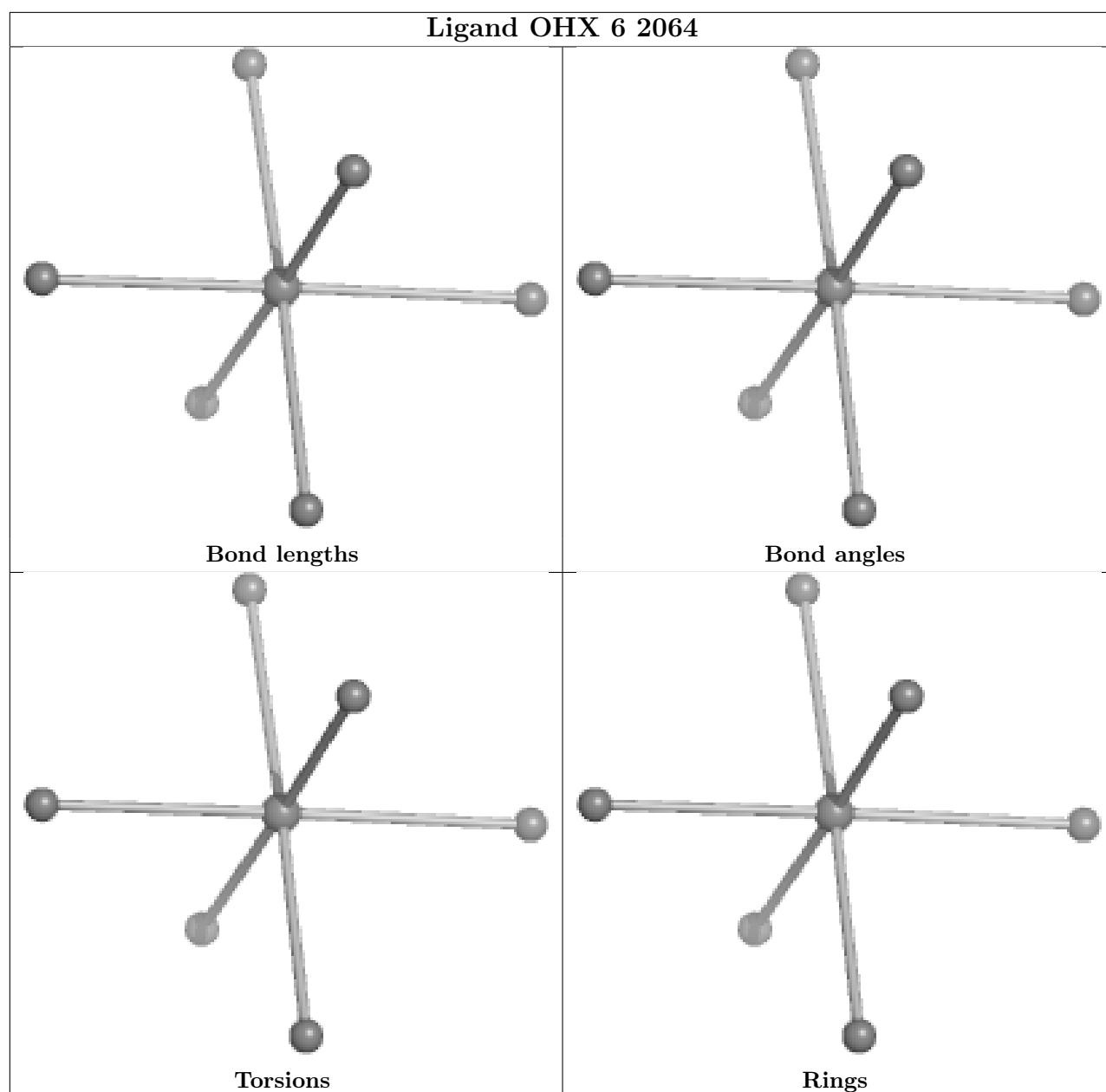
Torsions

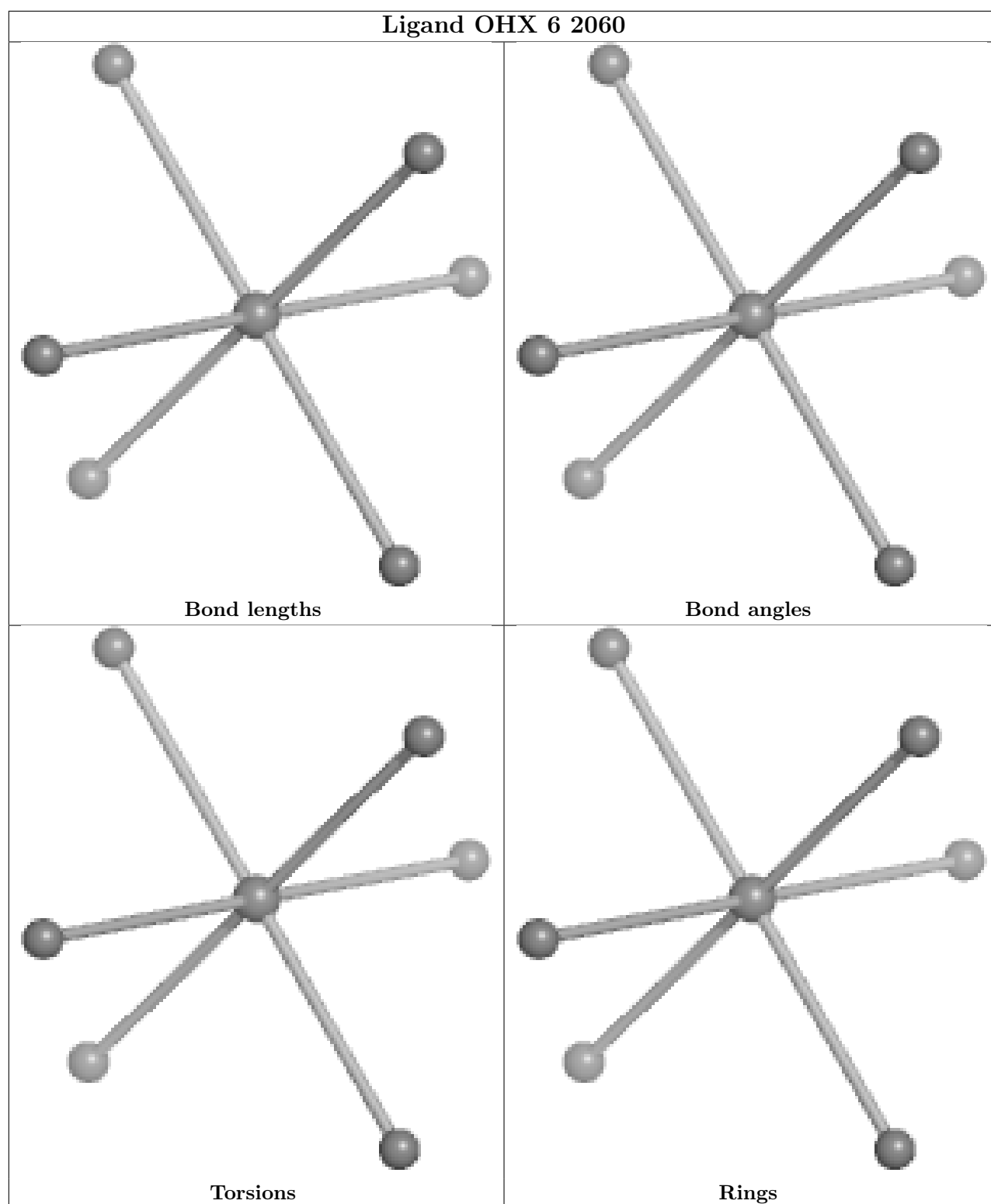


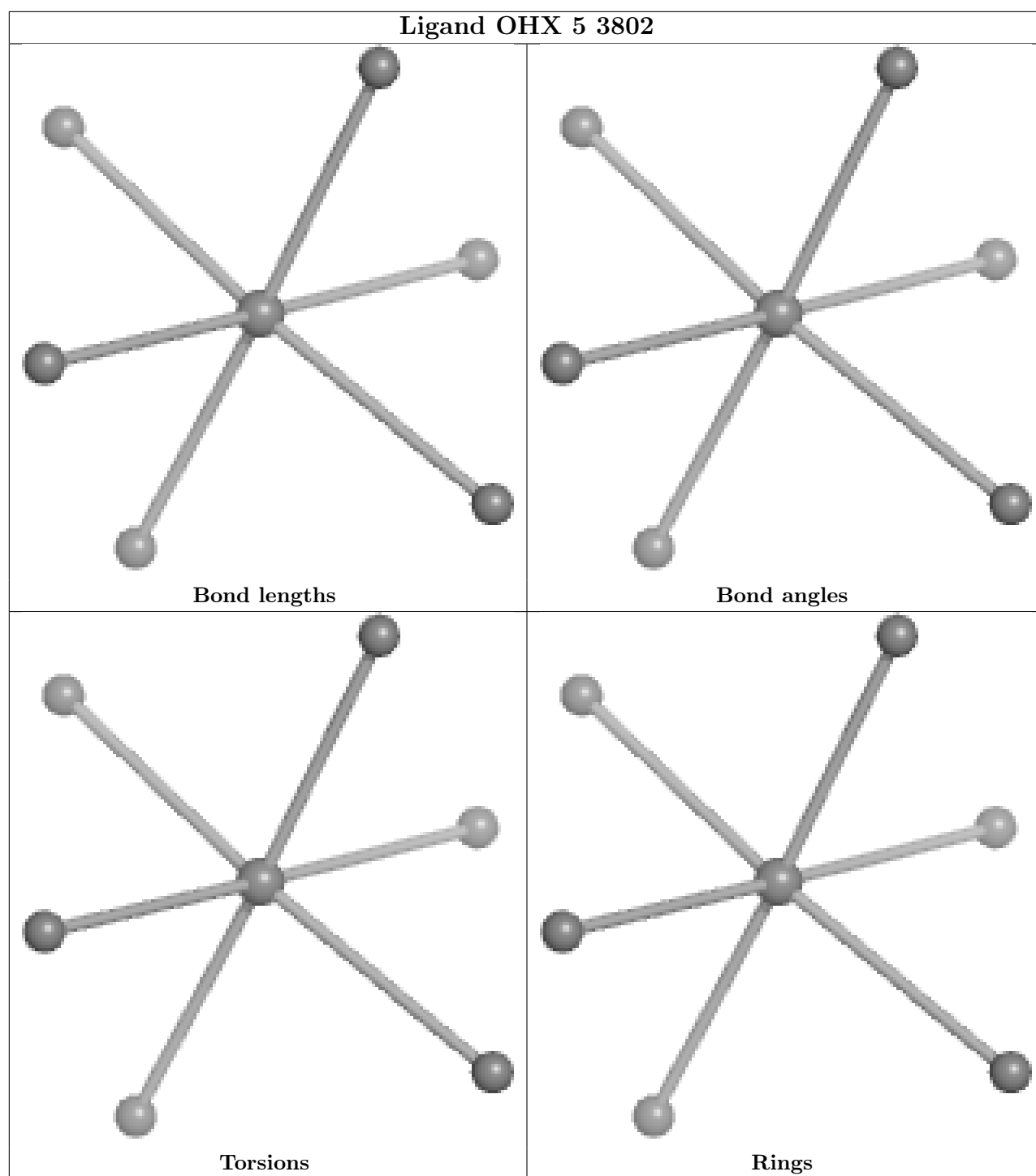
Rings

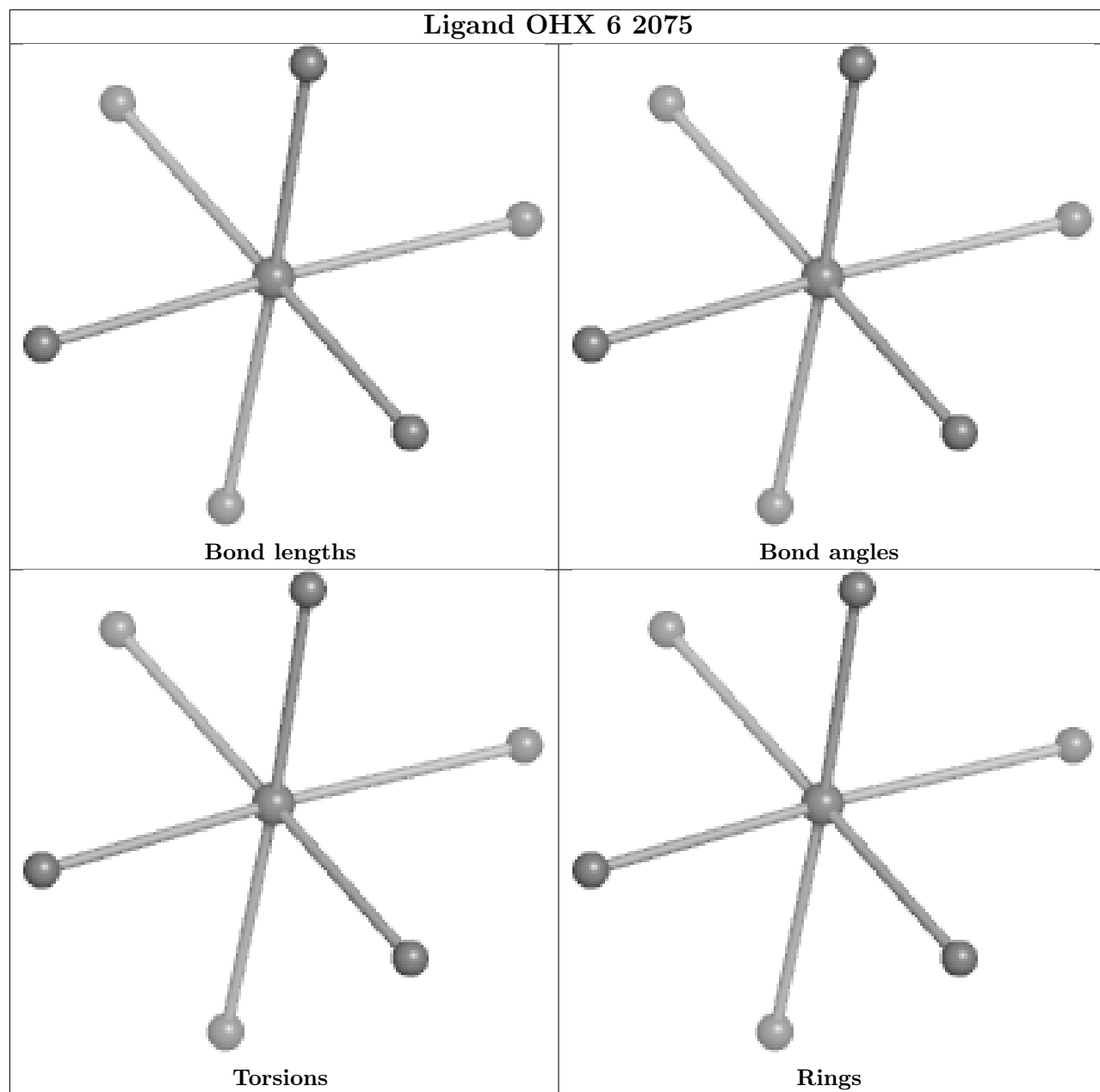
Ligand OHX 6 2054

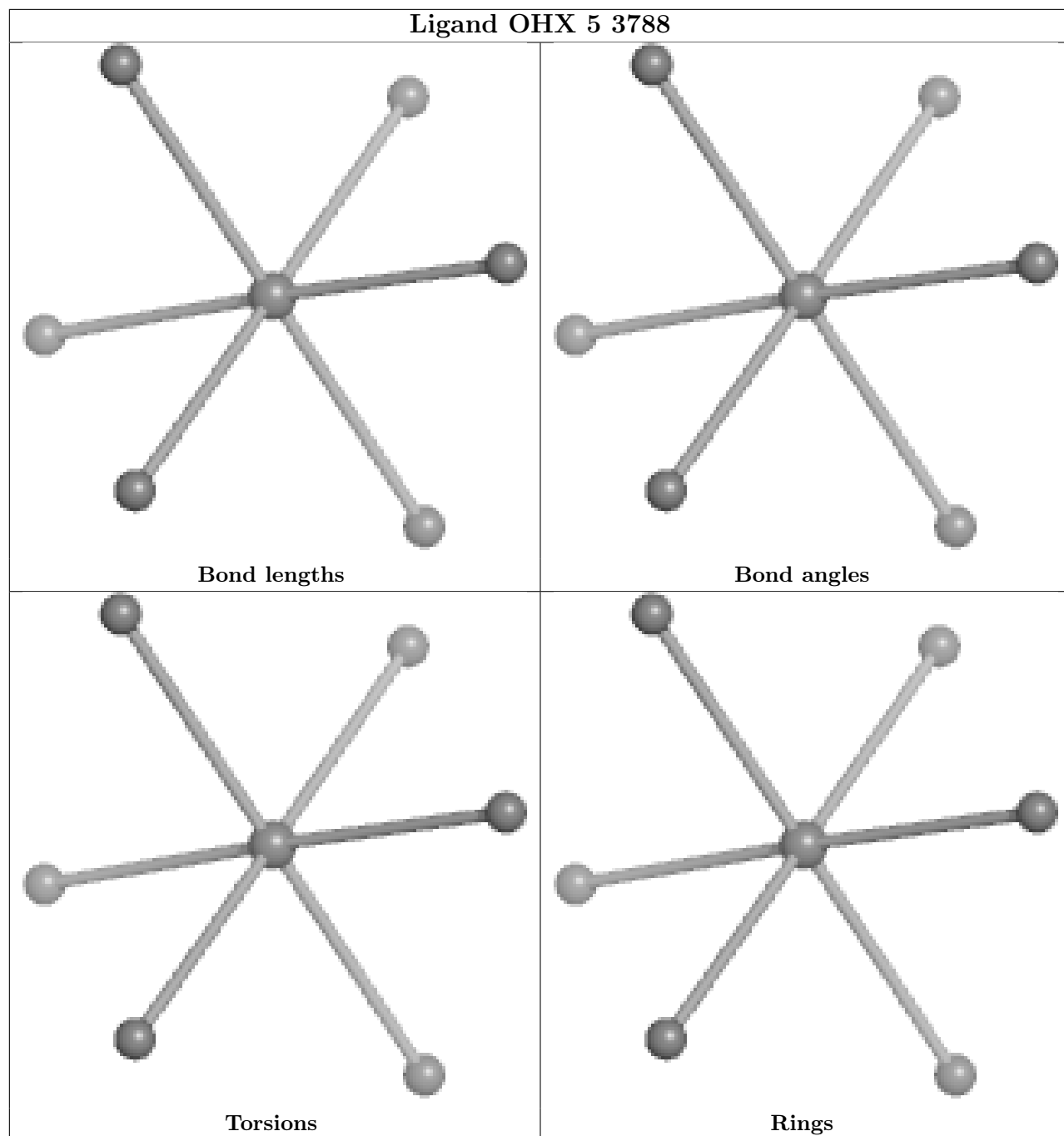


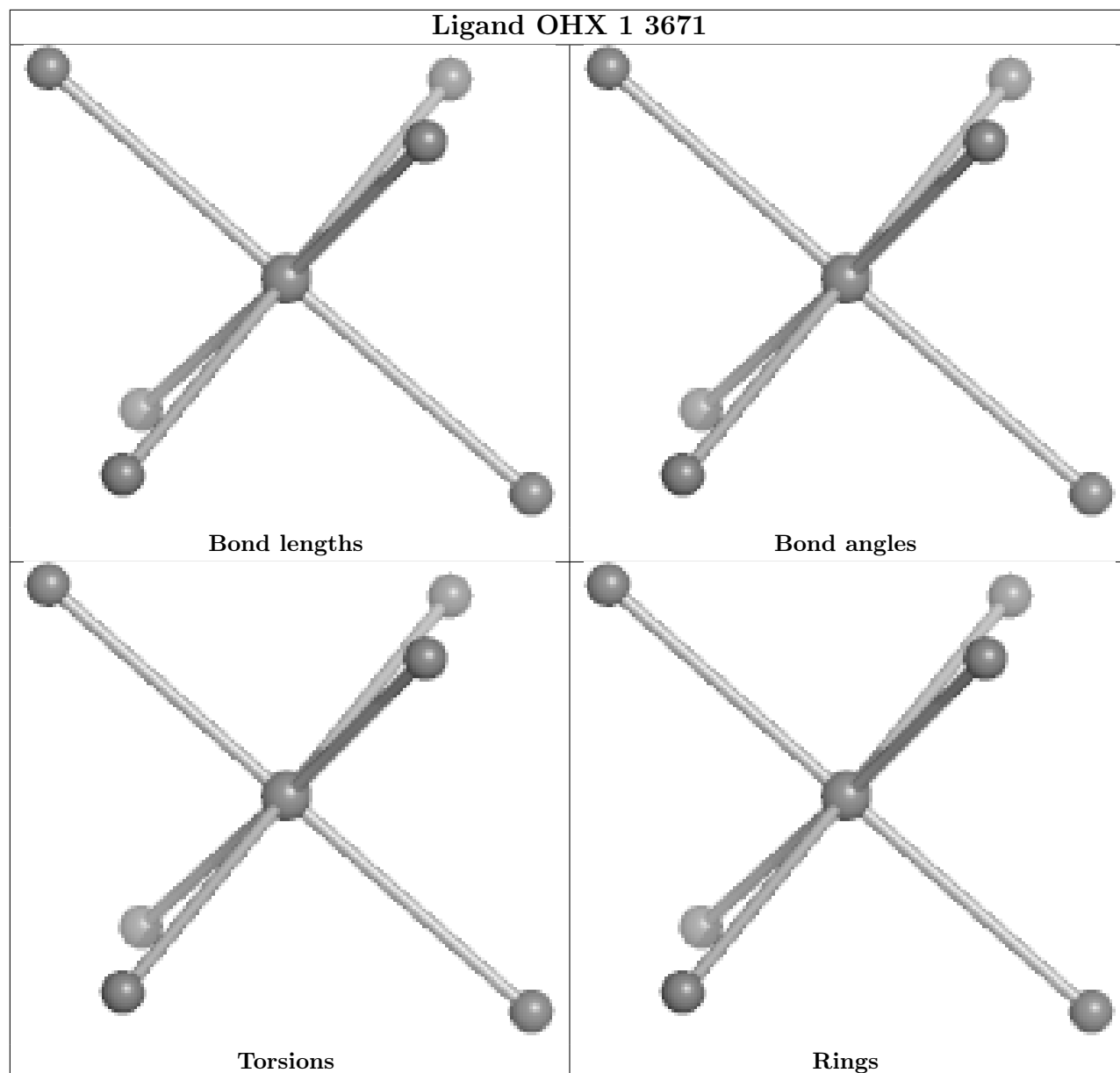


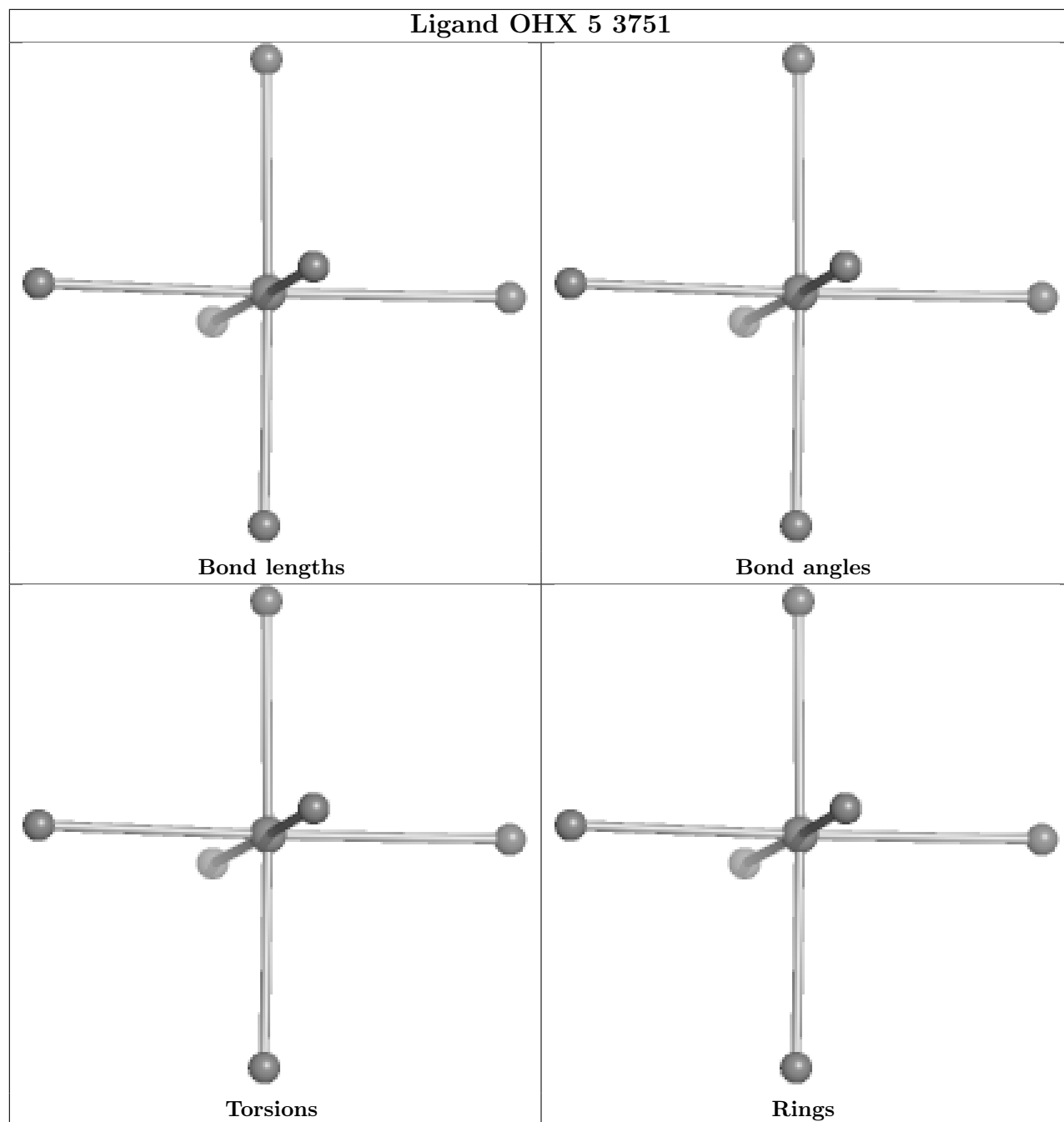


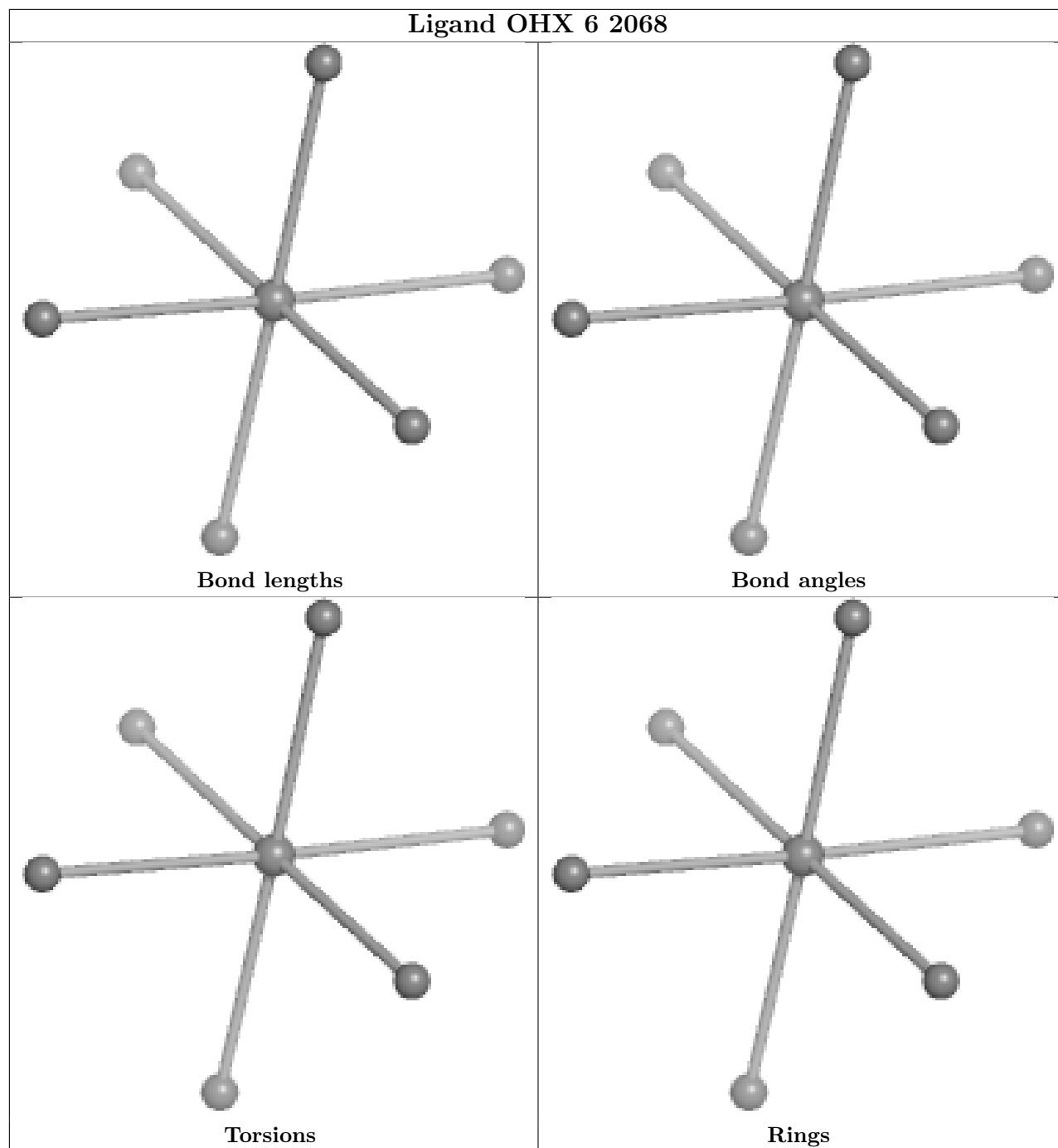


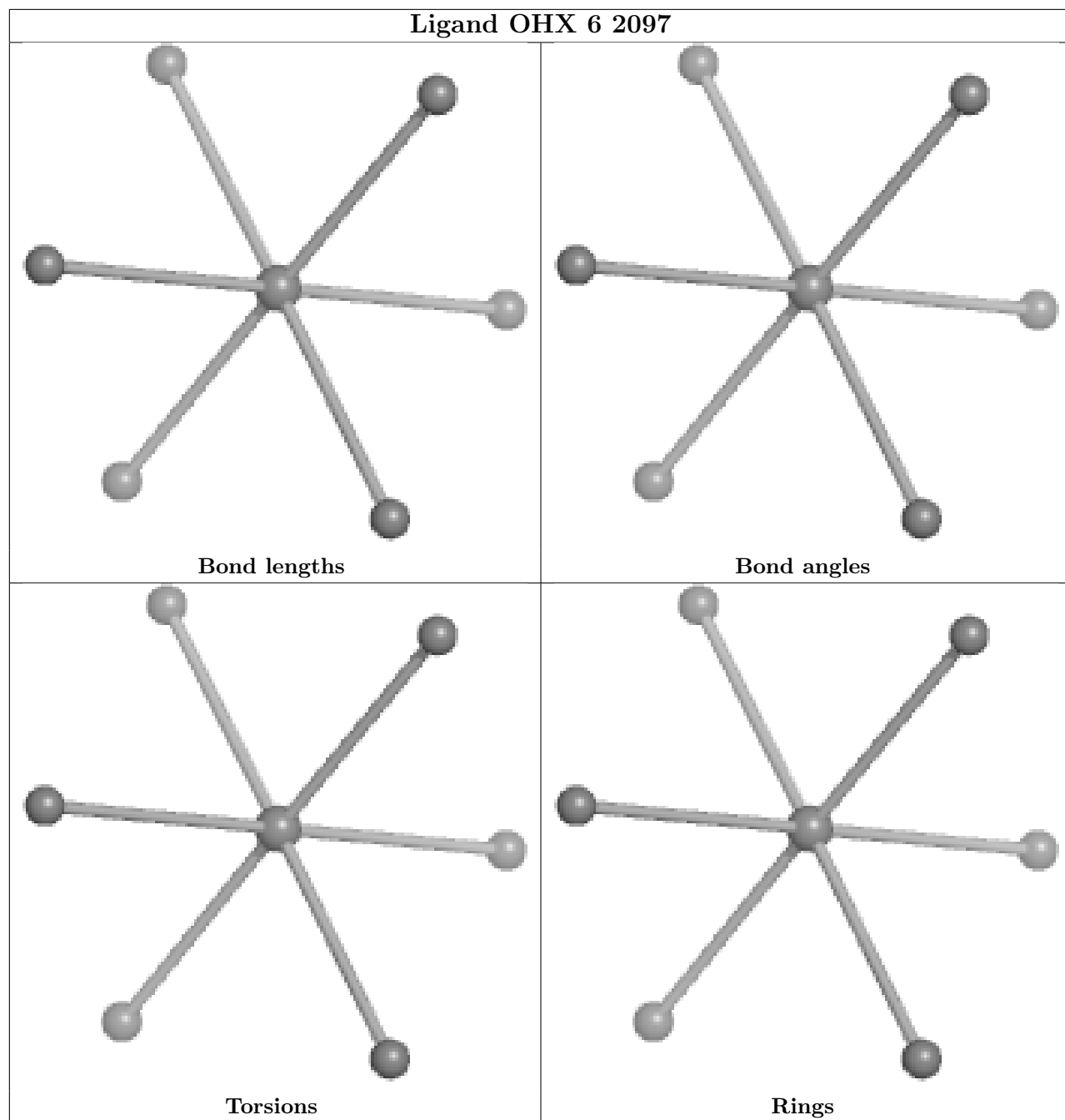


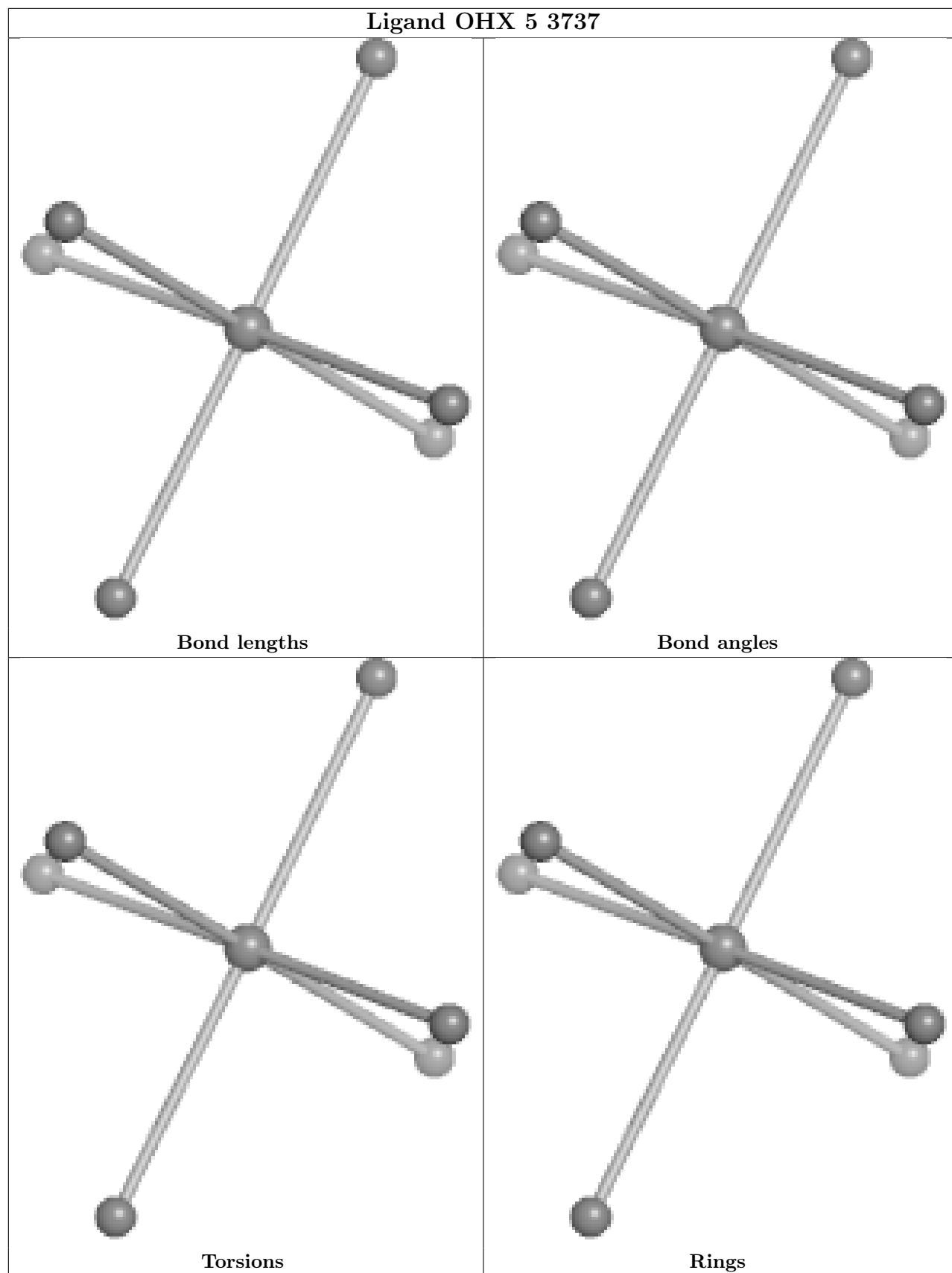


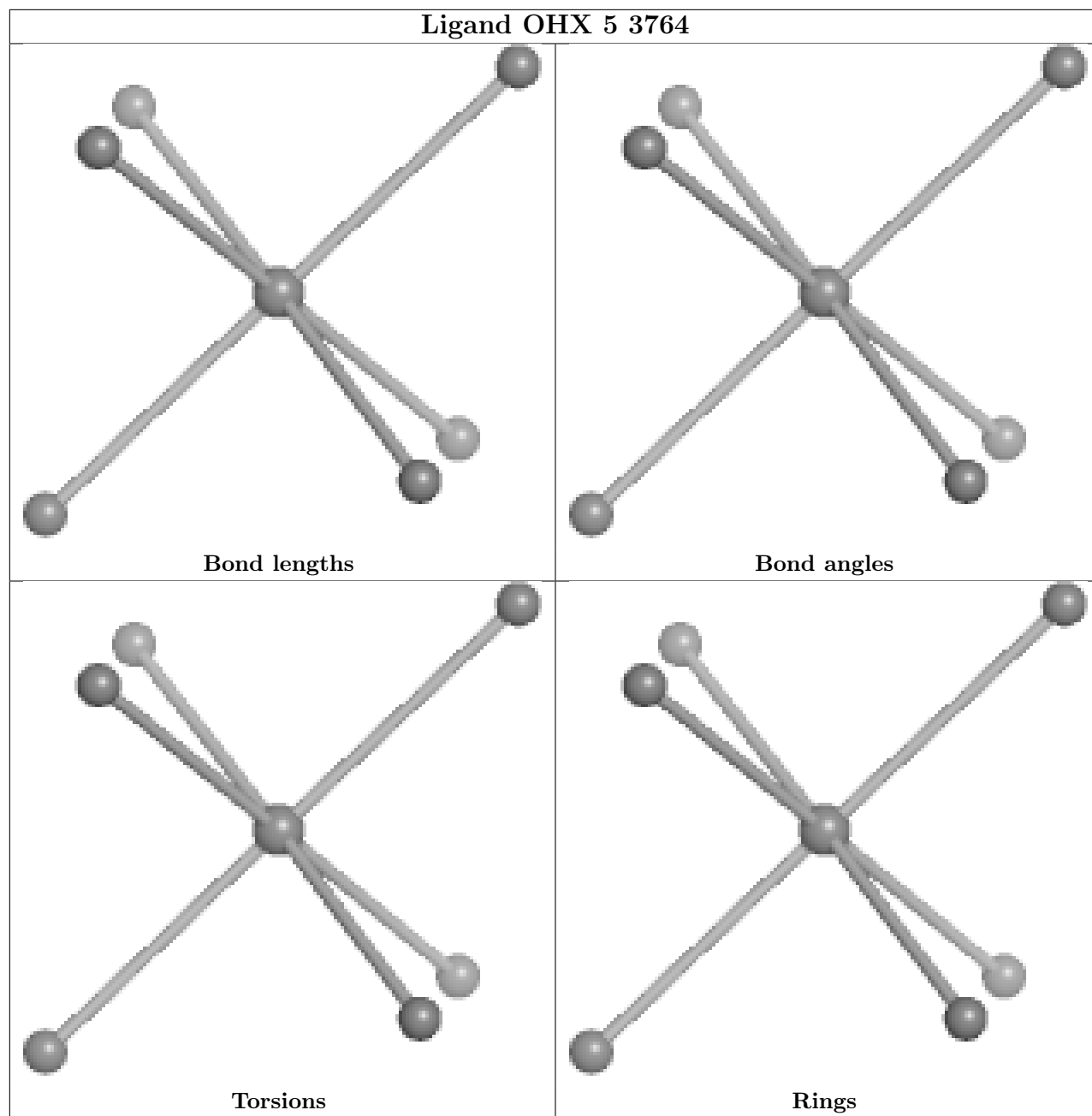


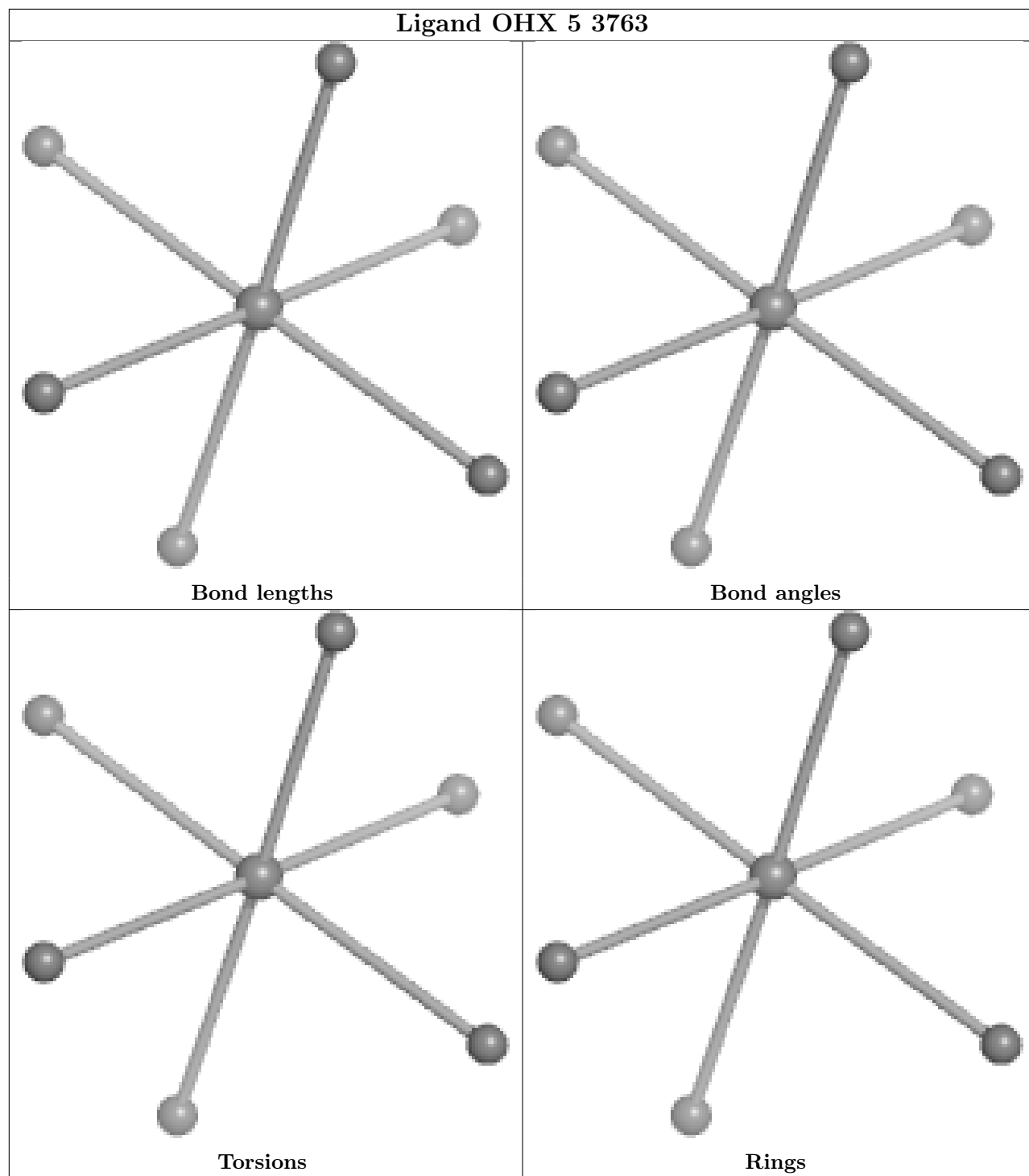


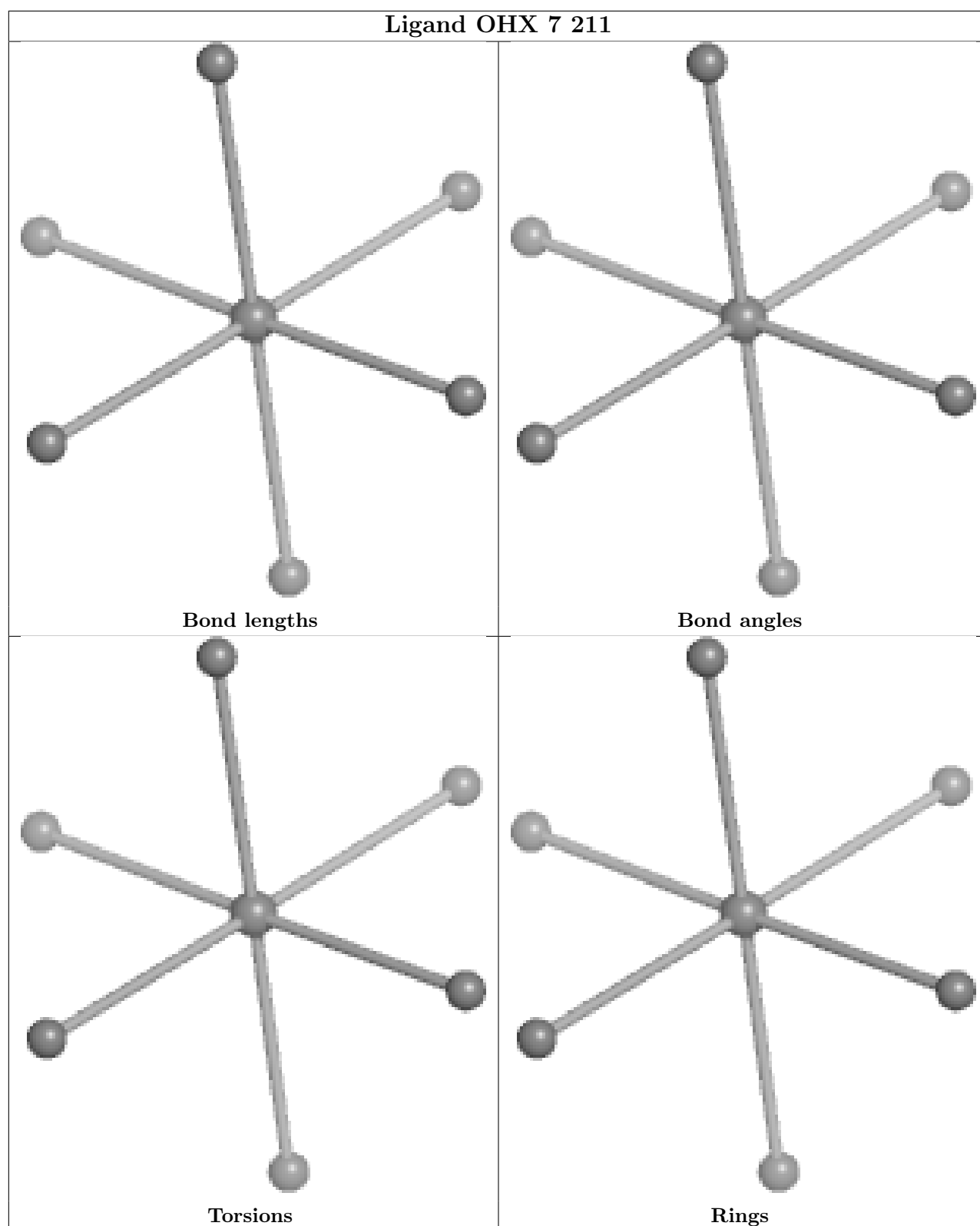


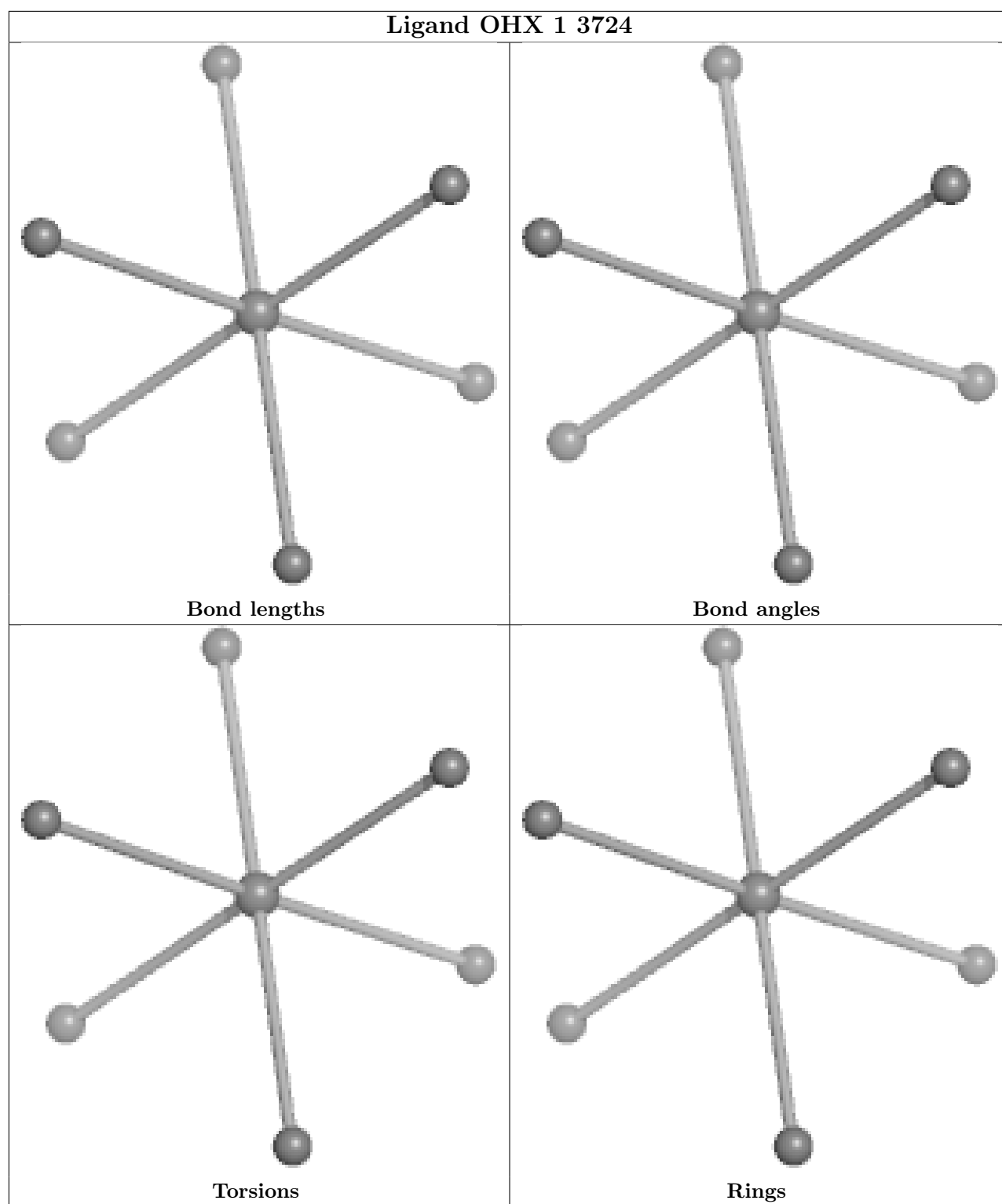


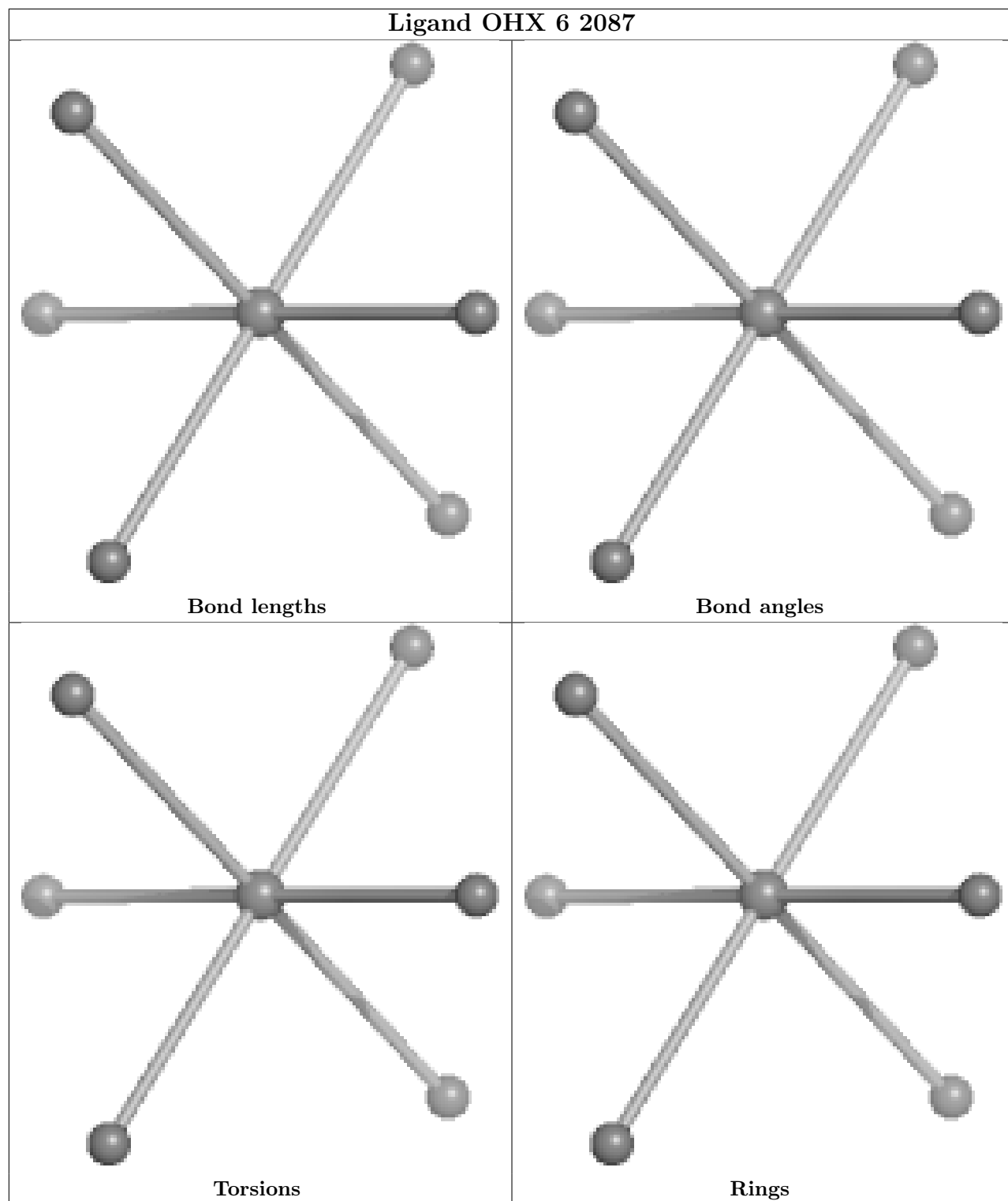




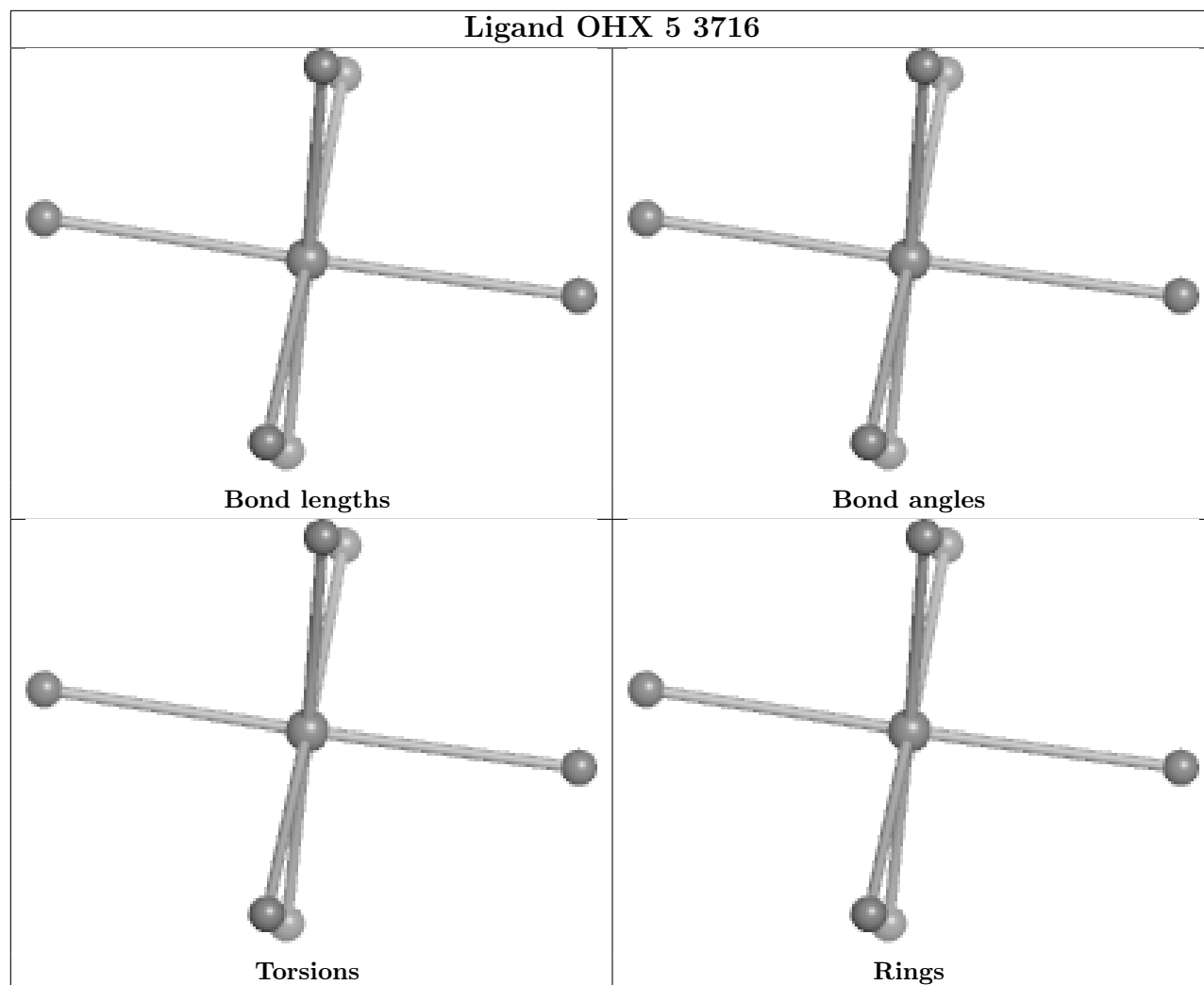


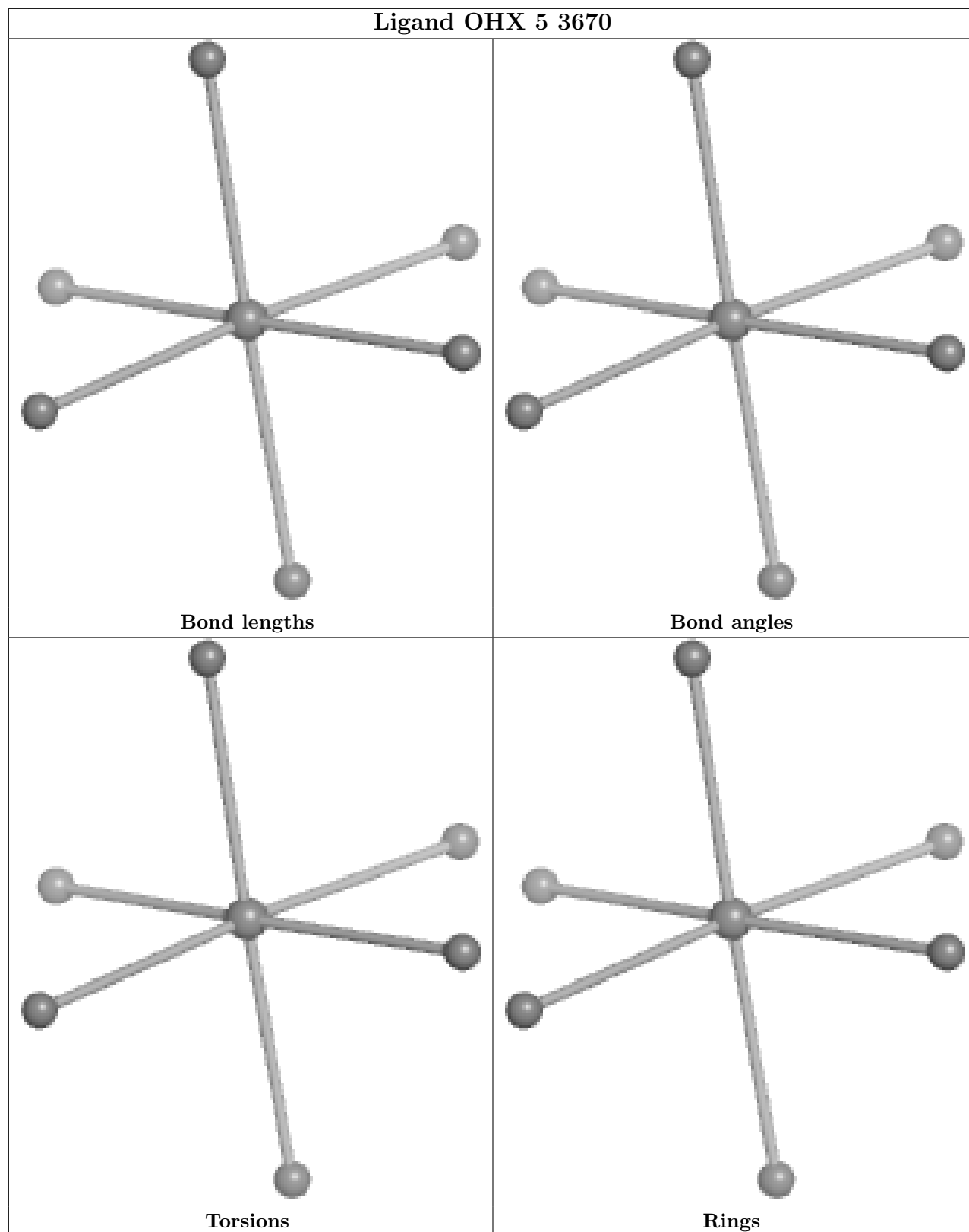




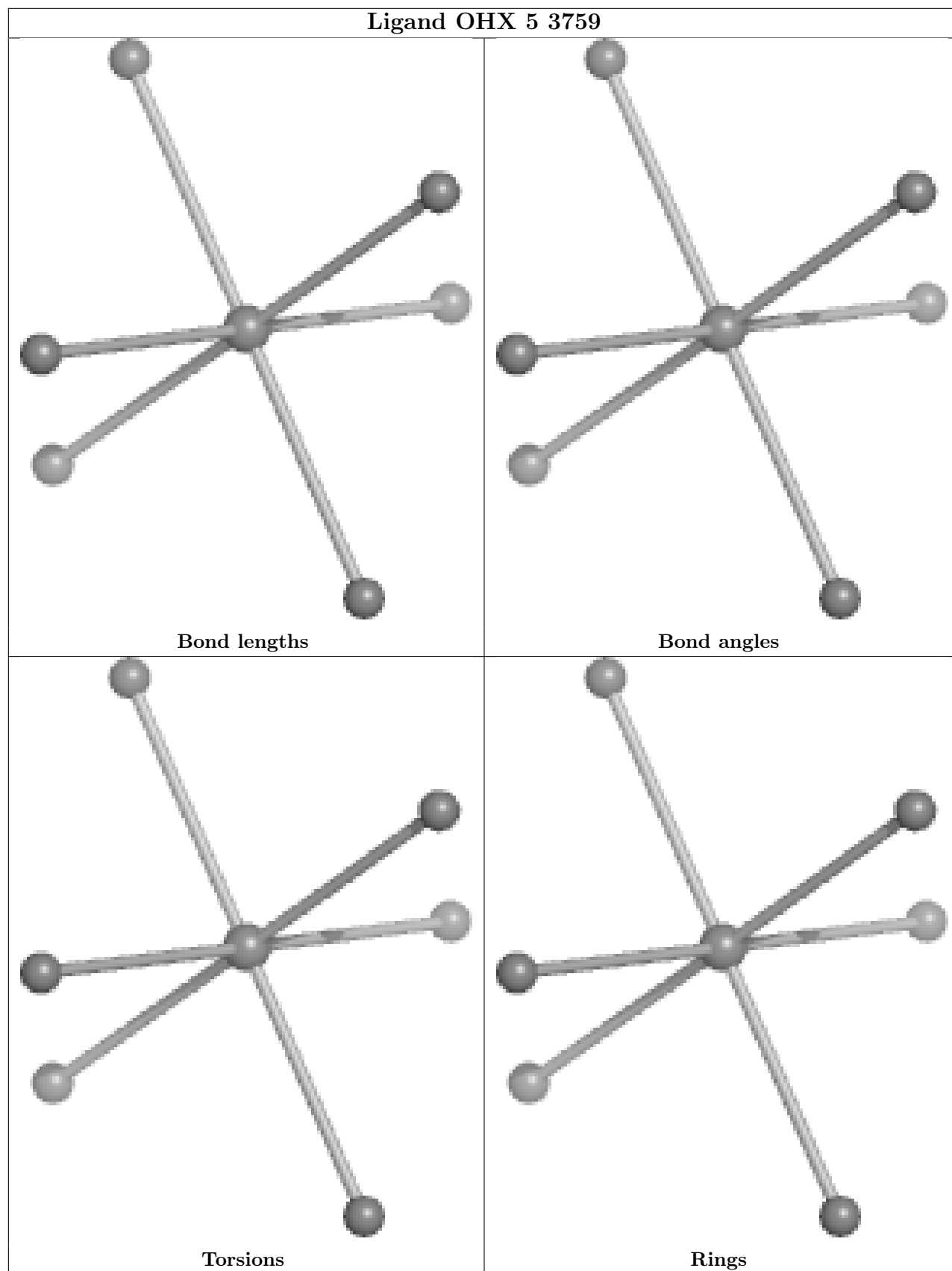


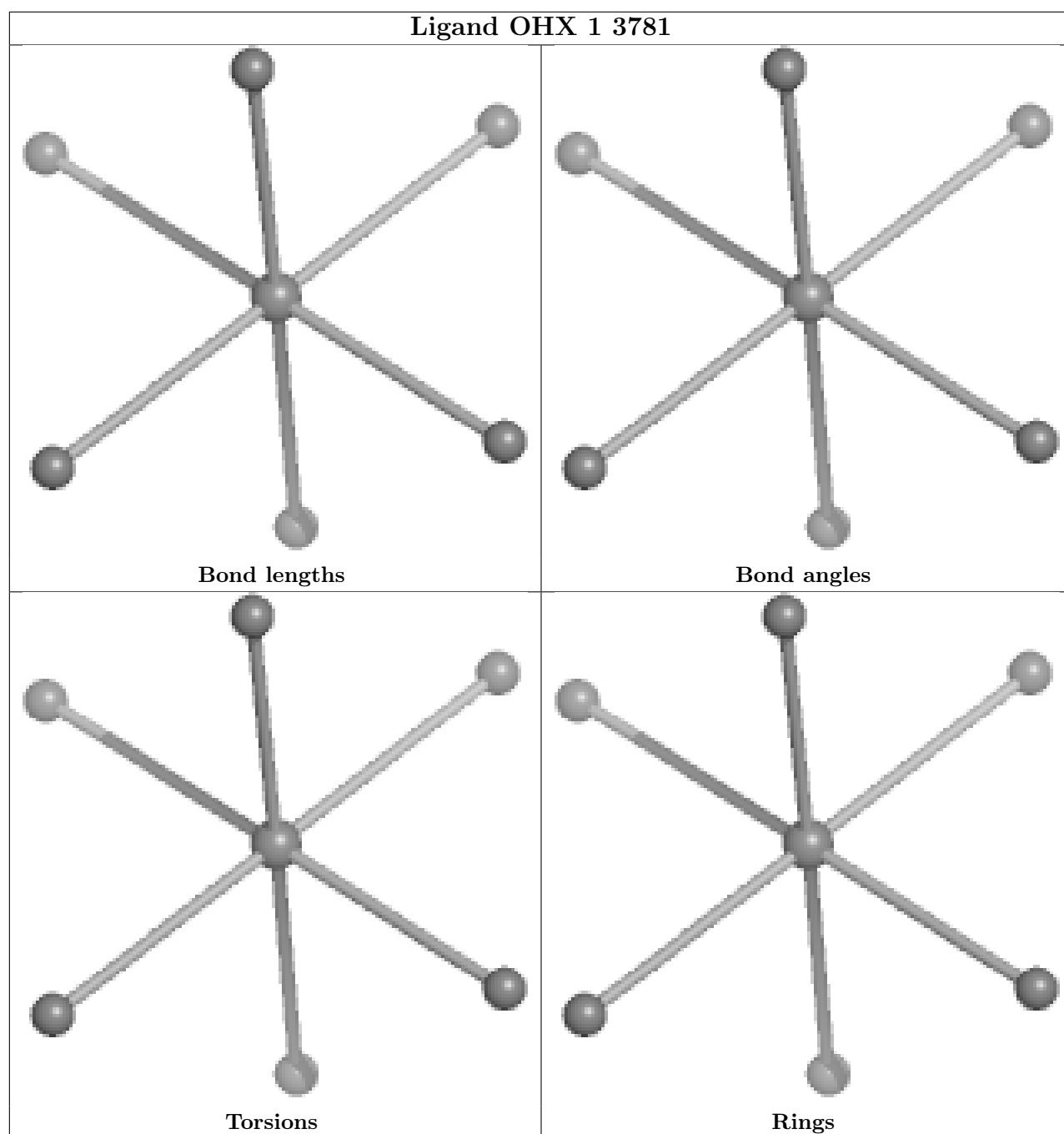
Ligand OHX 5 3716

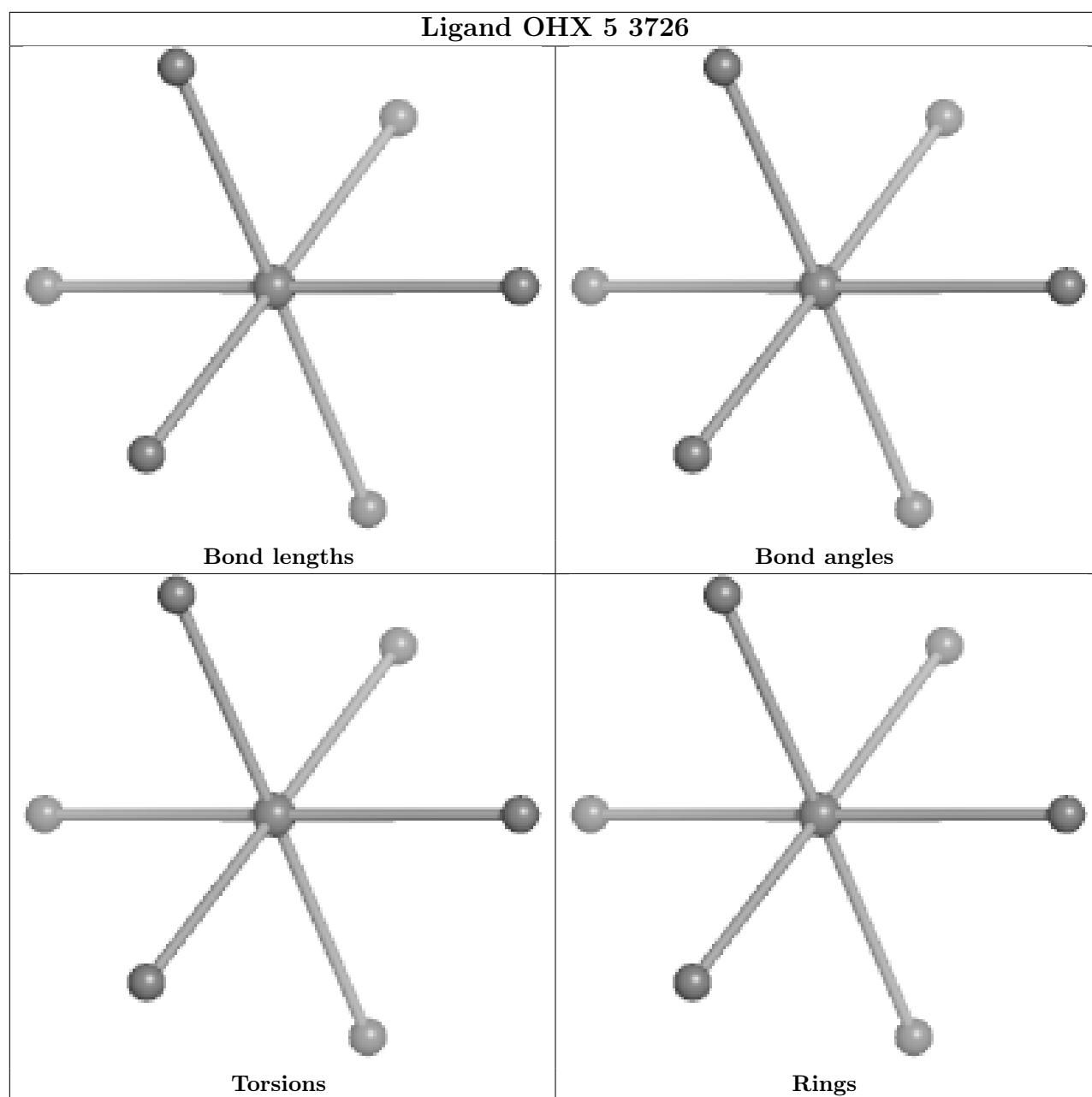


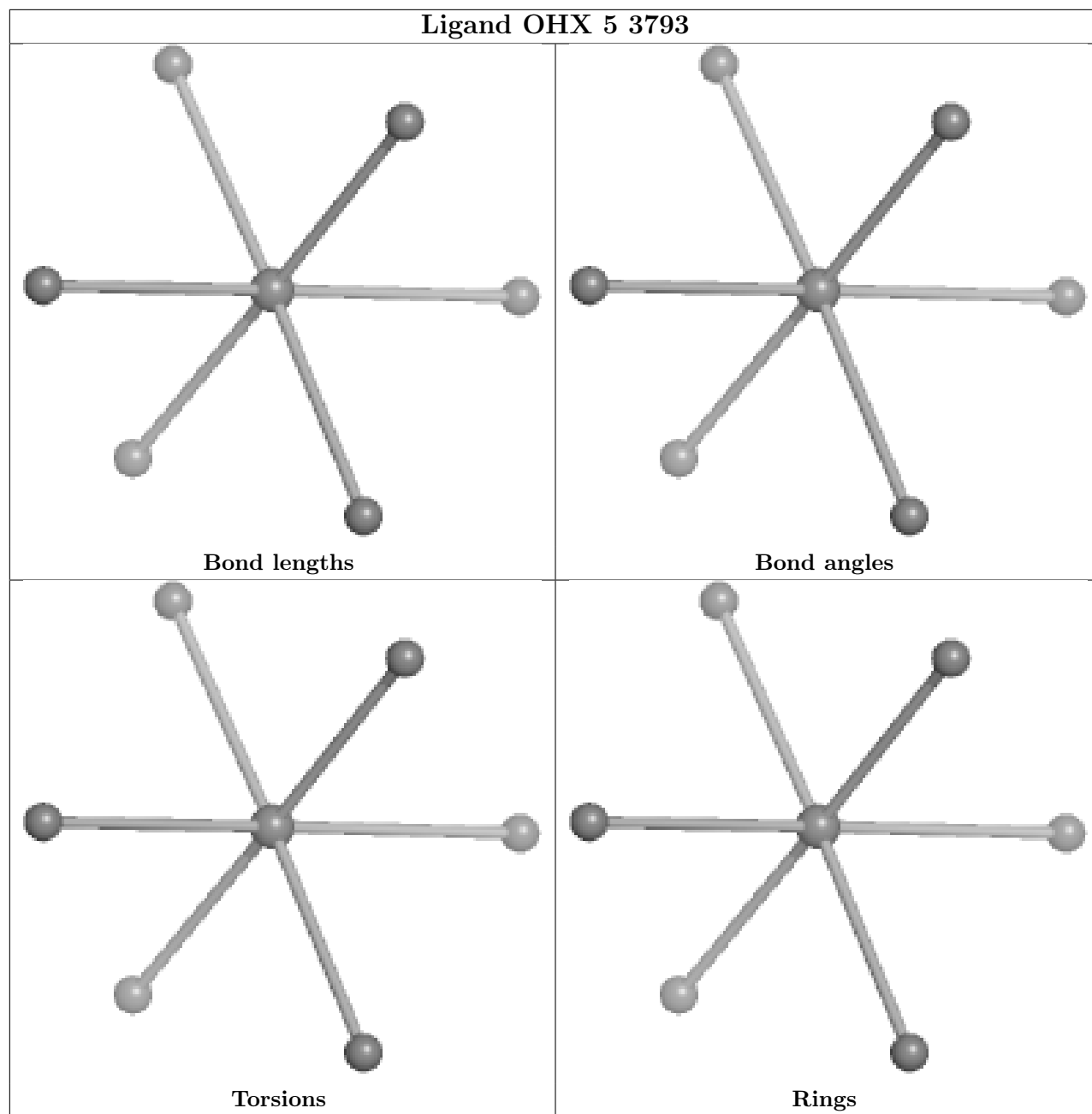


Ligand OHX 5 3759

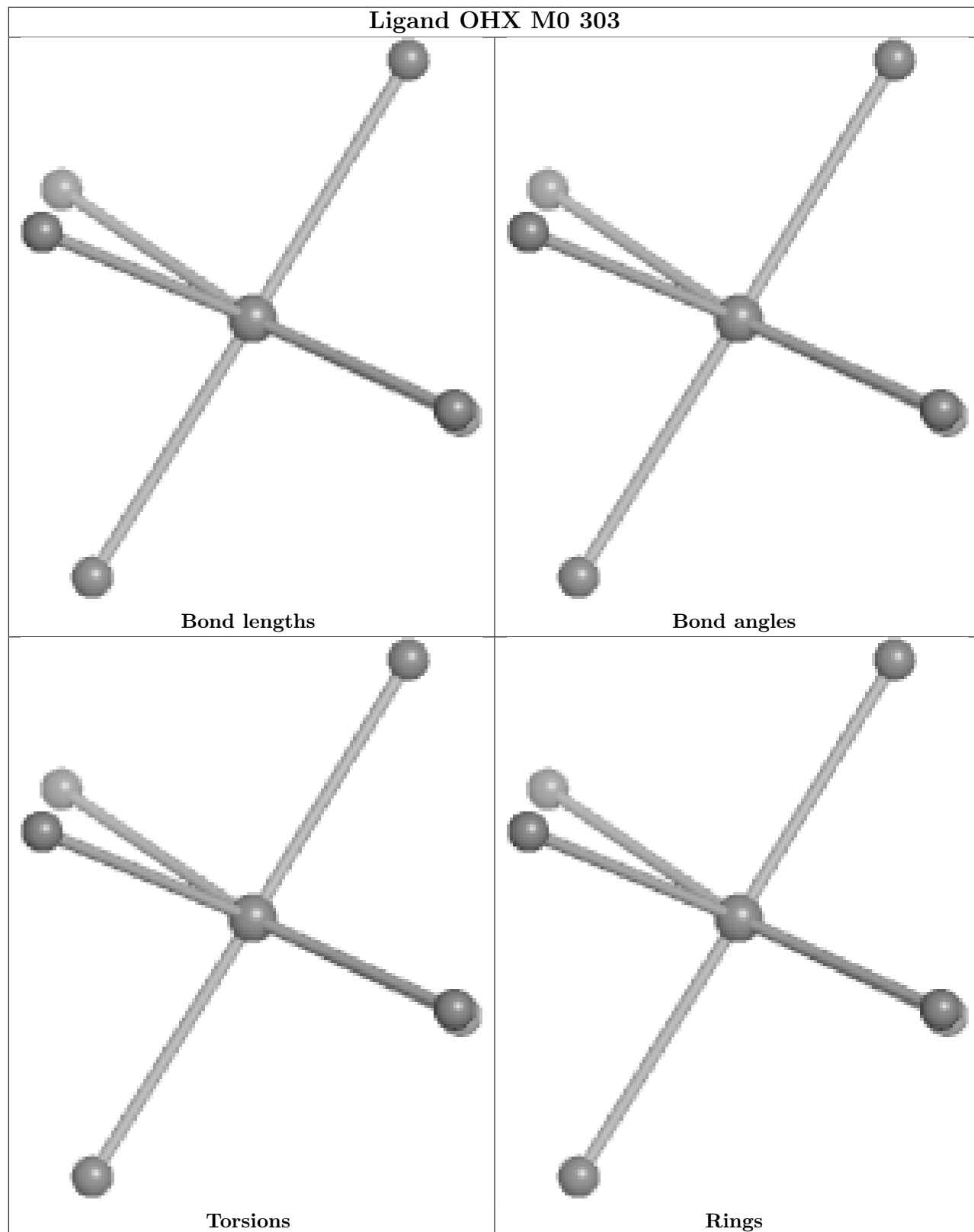




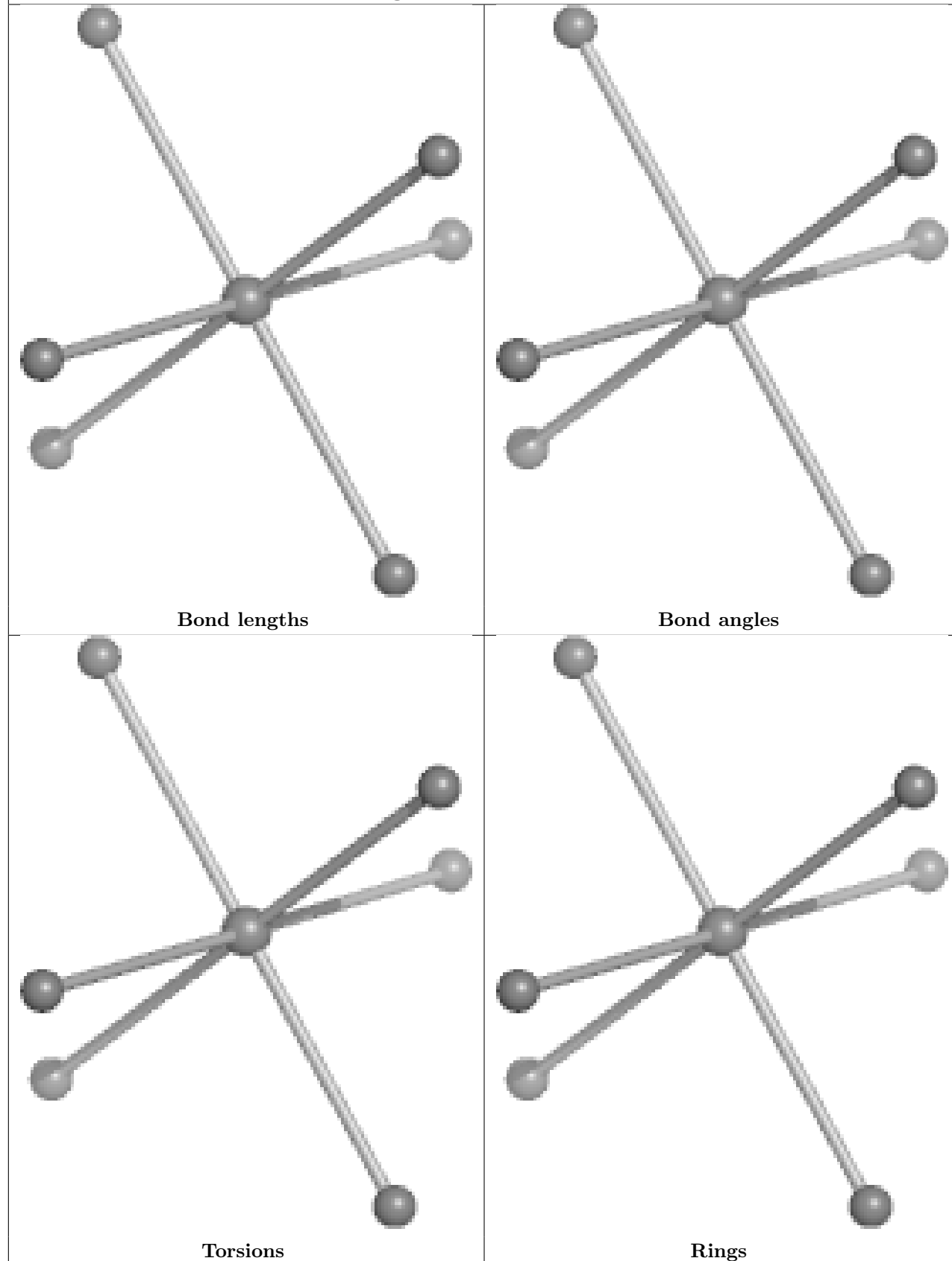


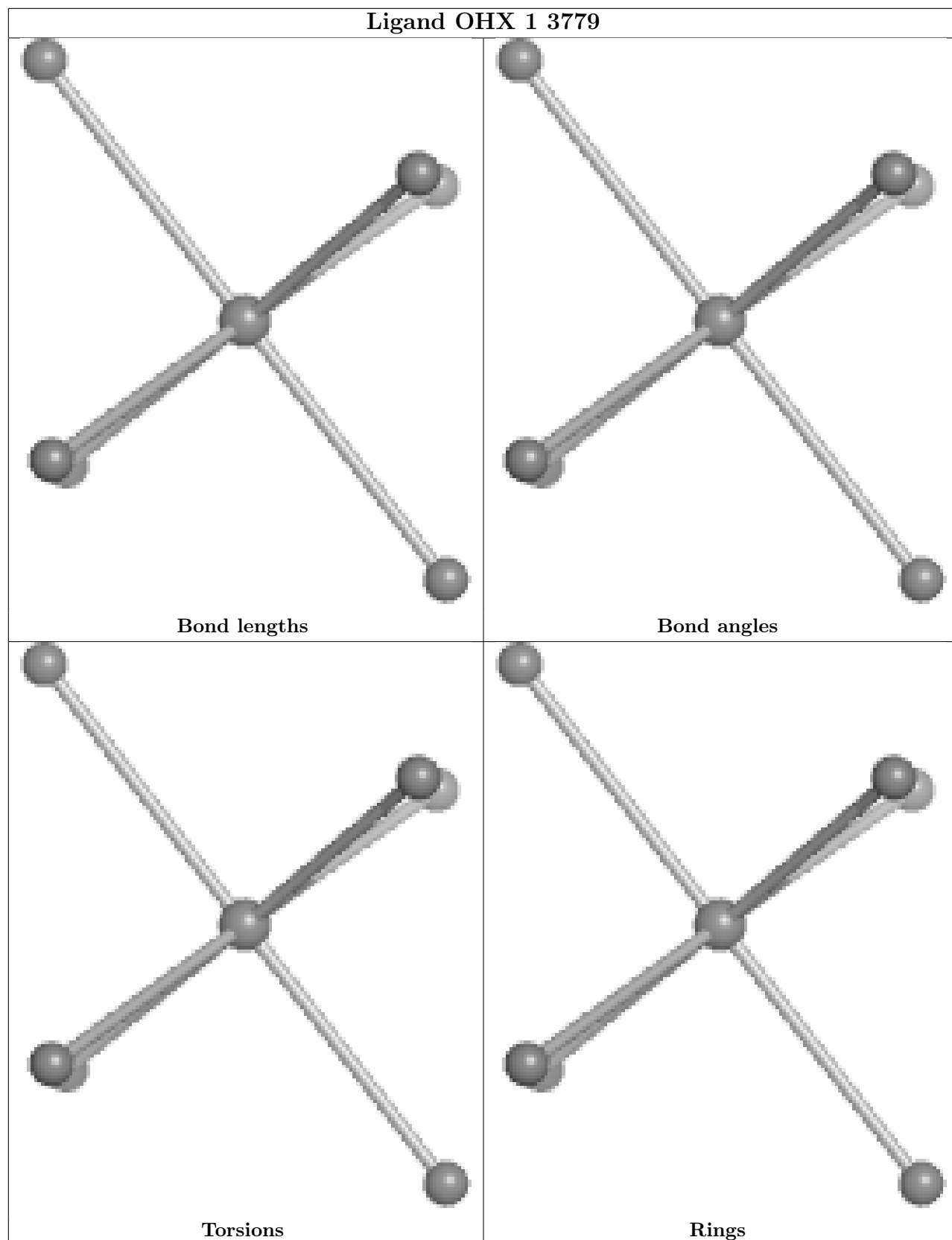


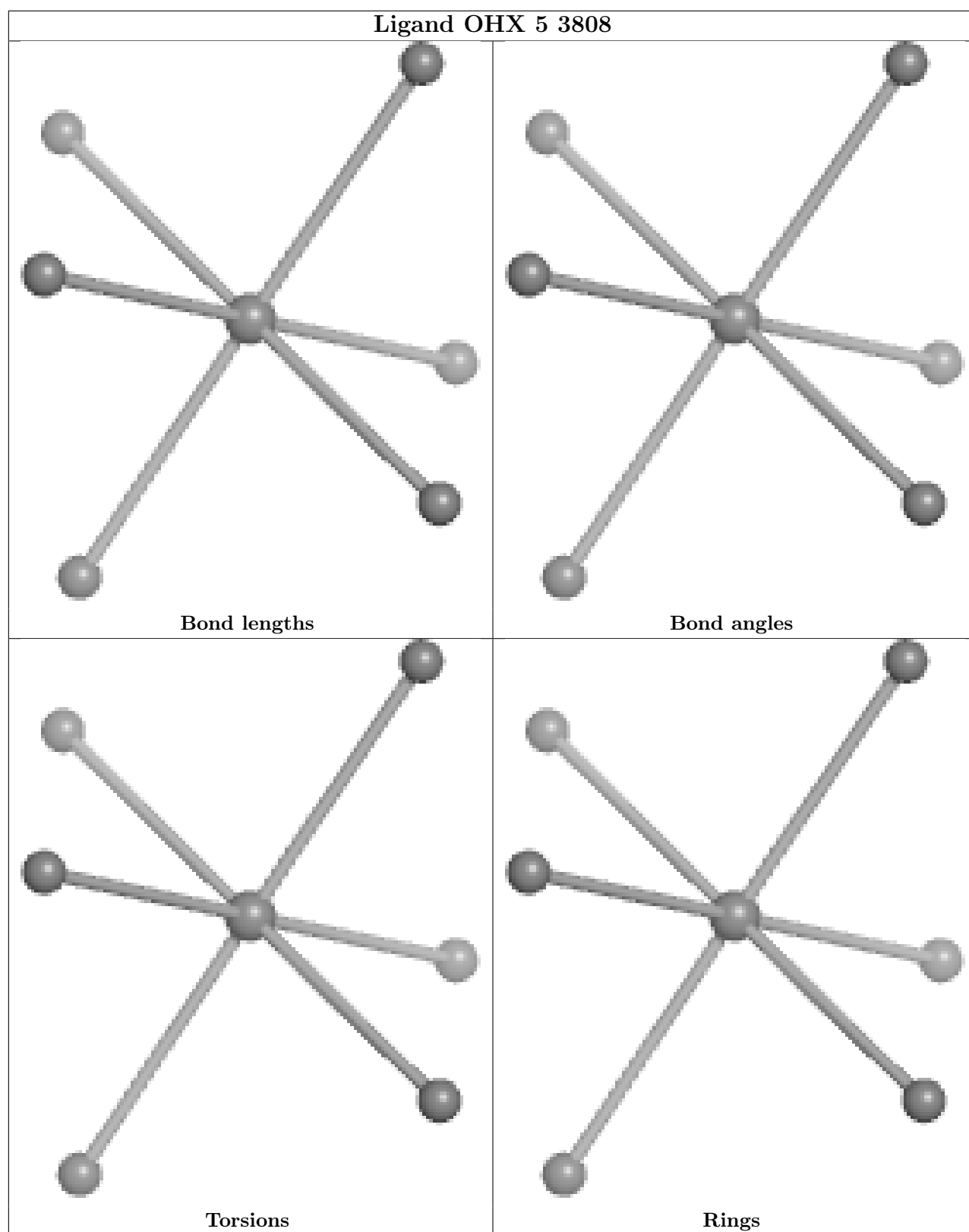
Ligand OHX M0 303



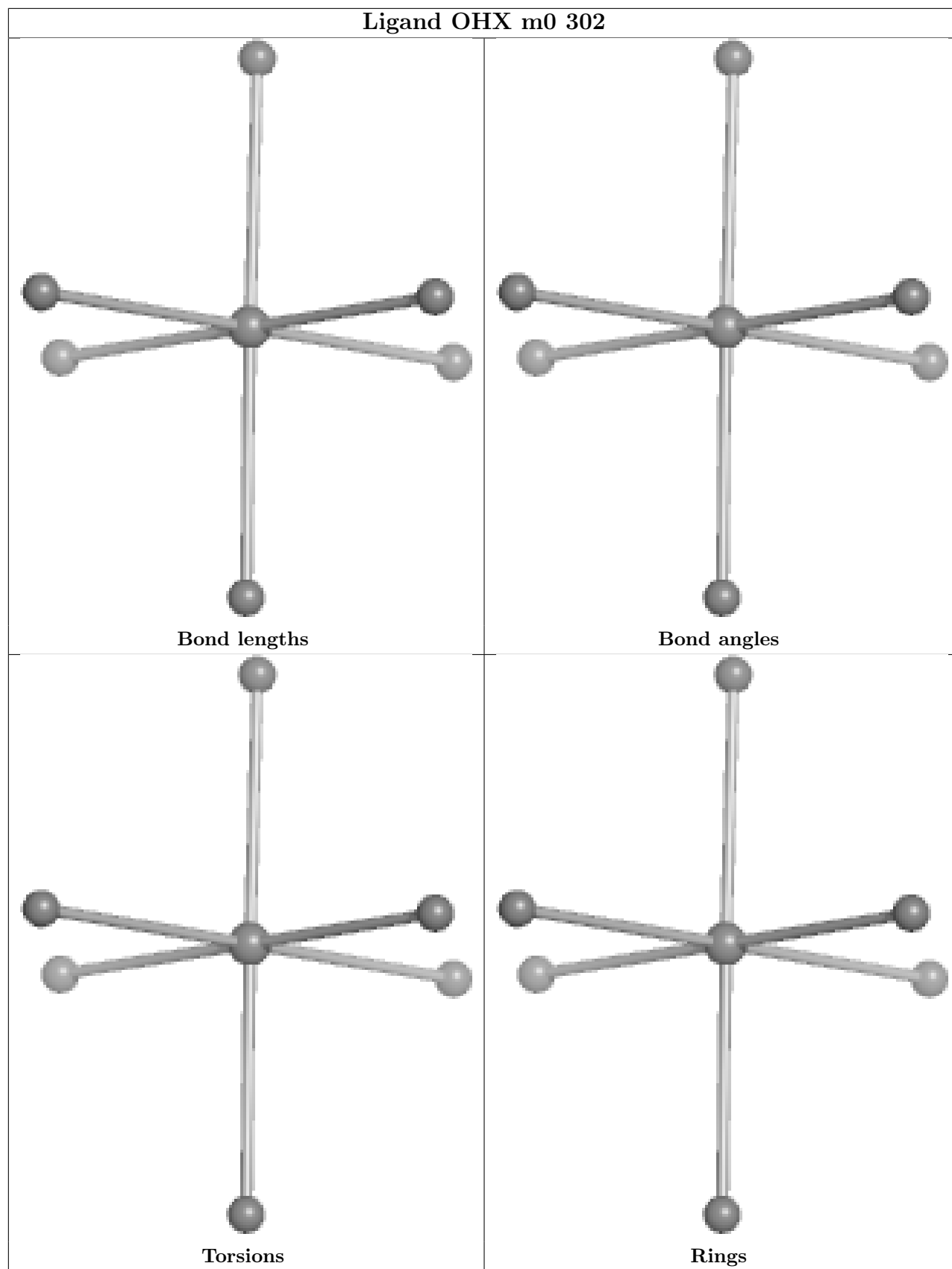
Ligand OHX 5 3632

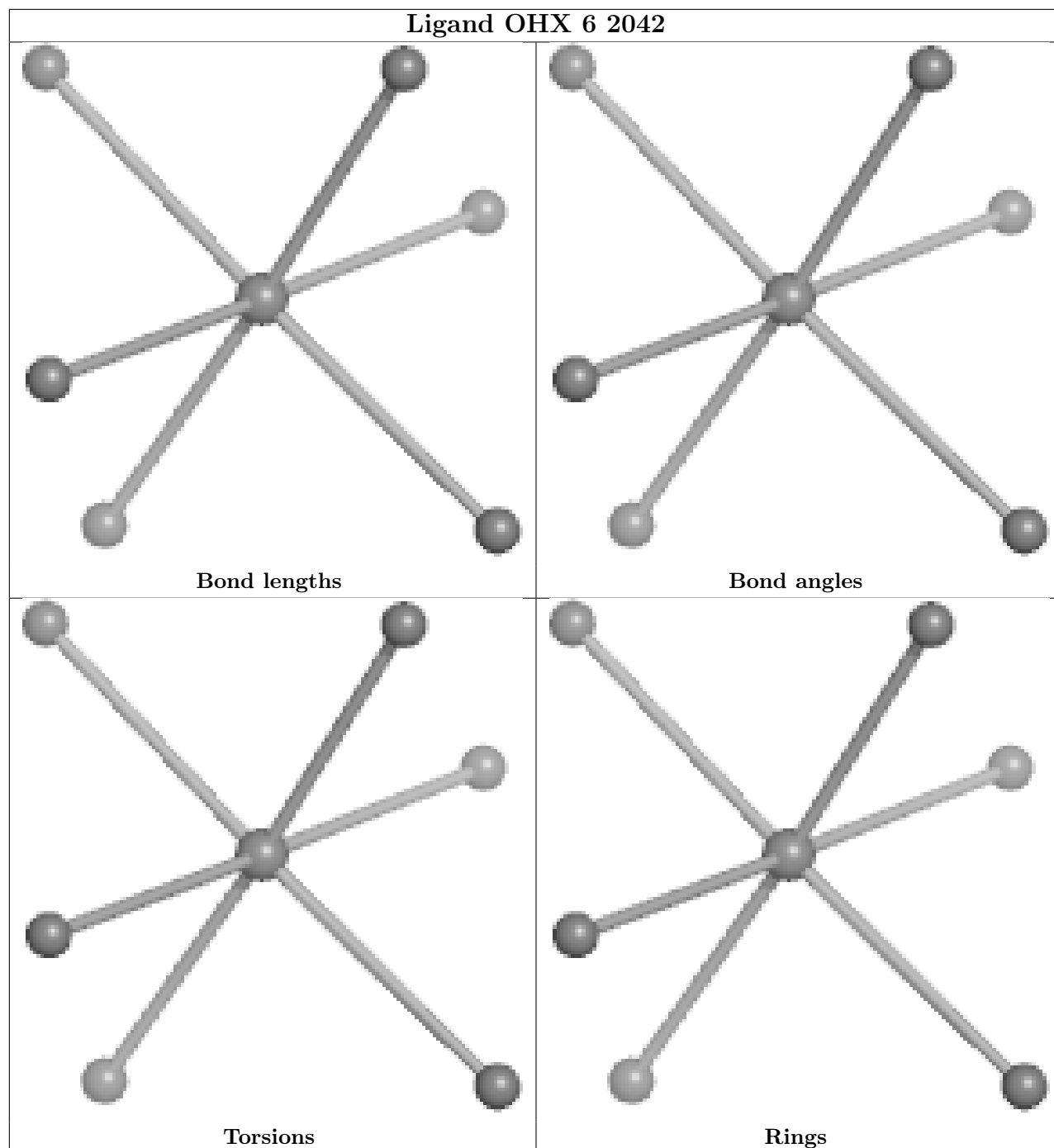


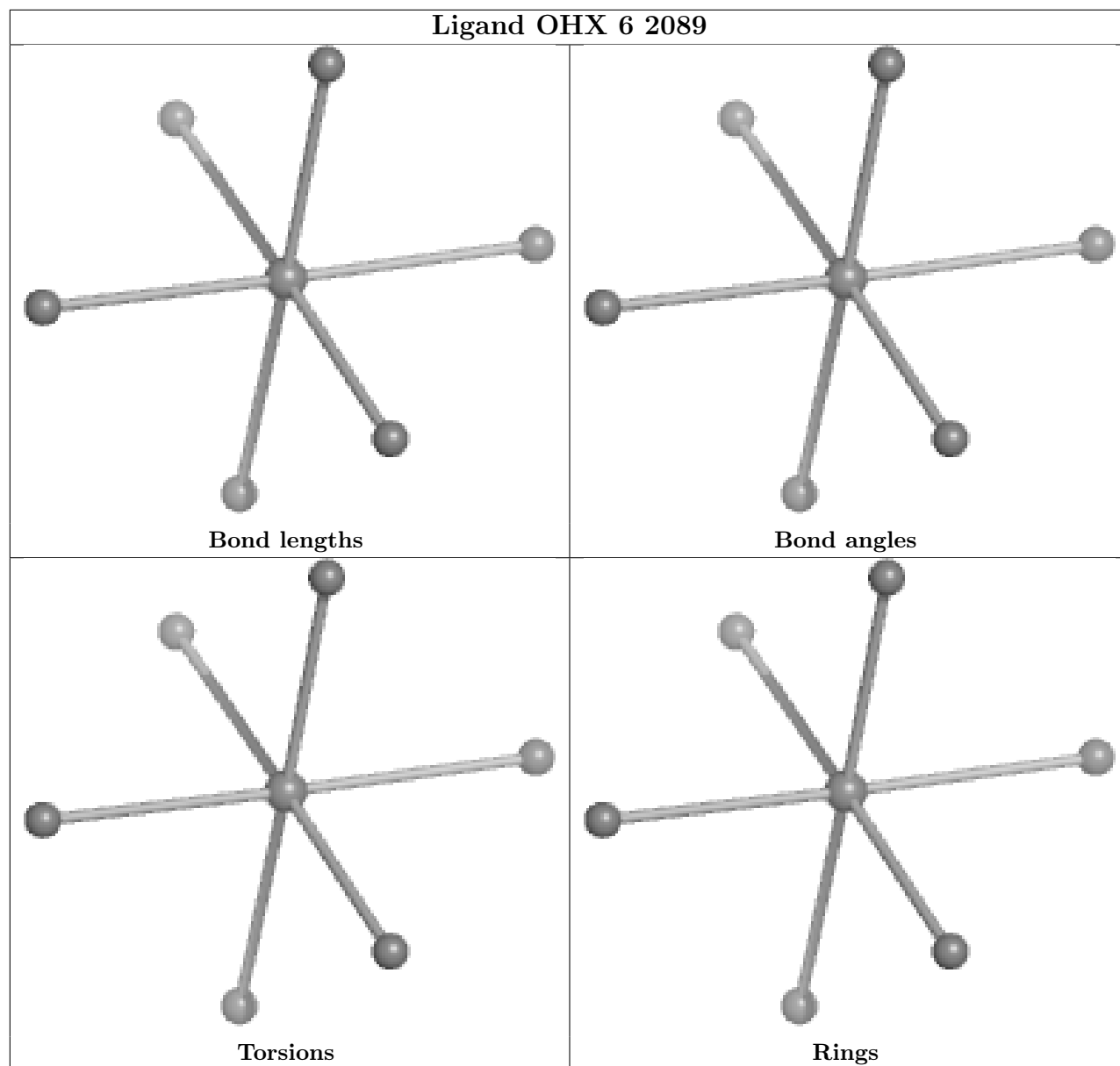




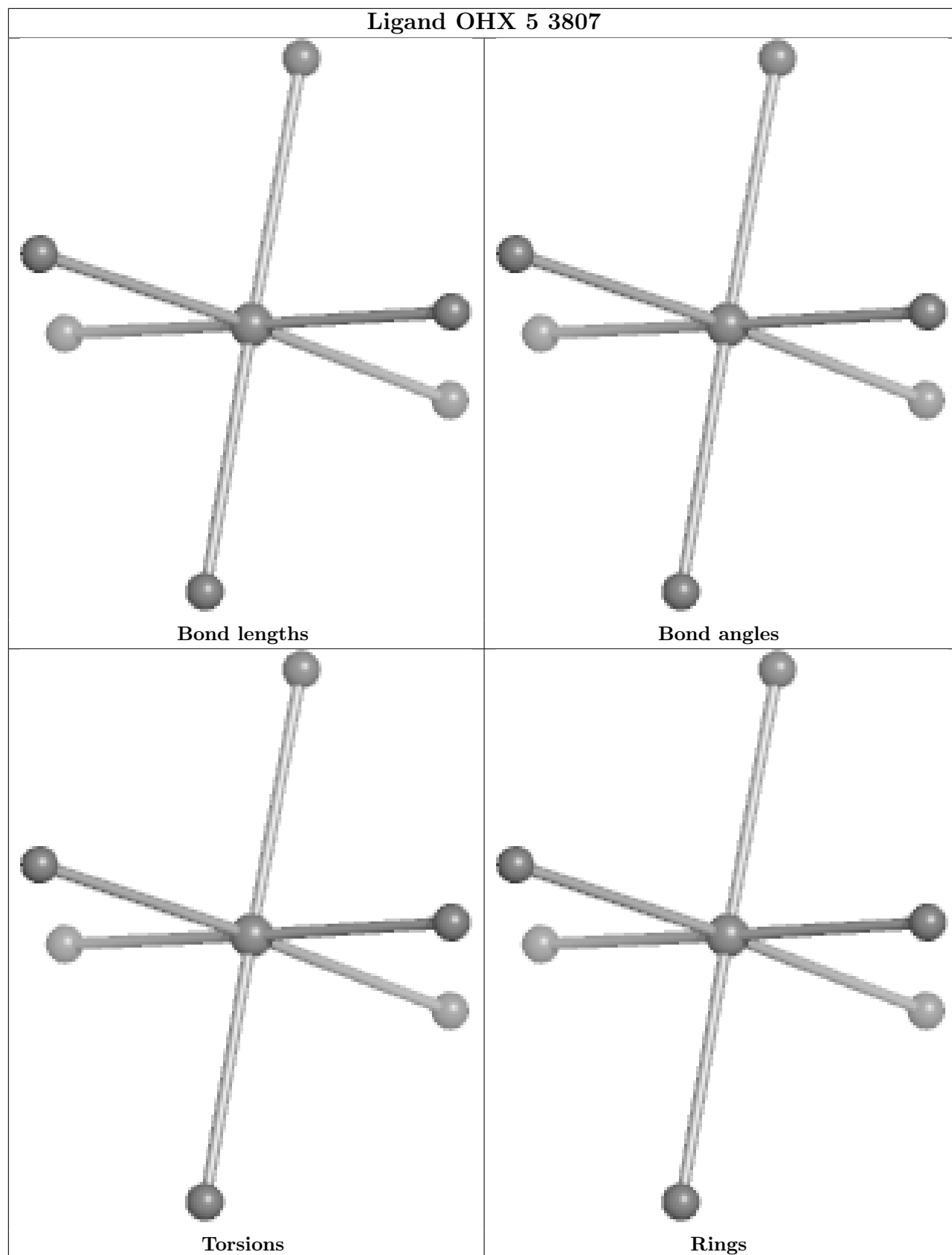
Ligand OHX m0 302

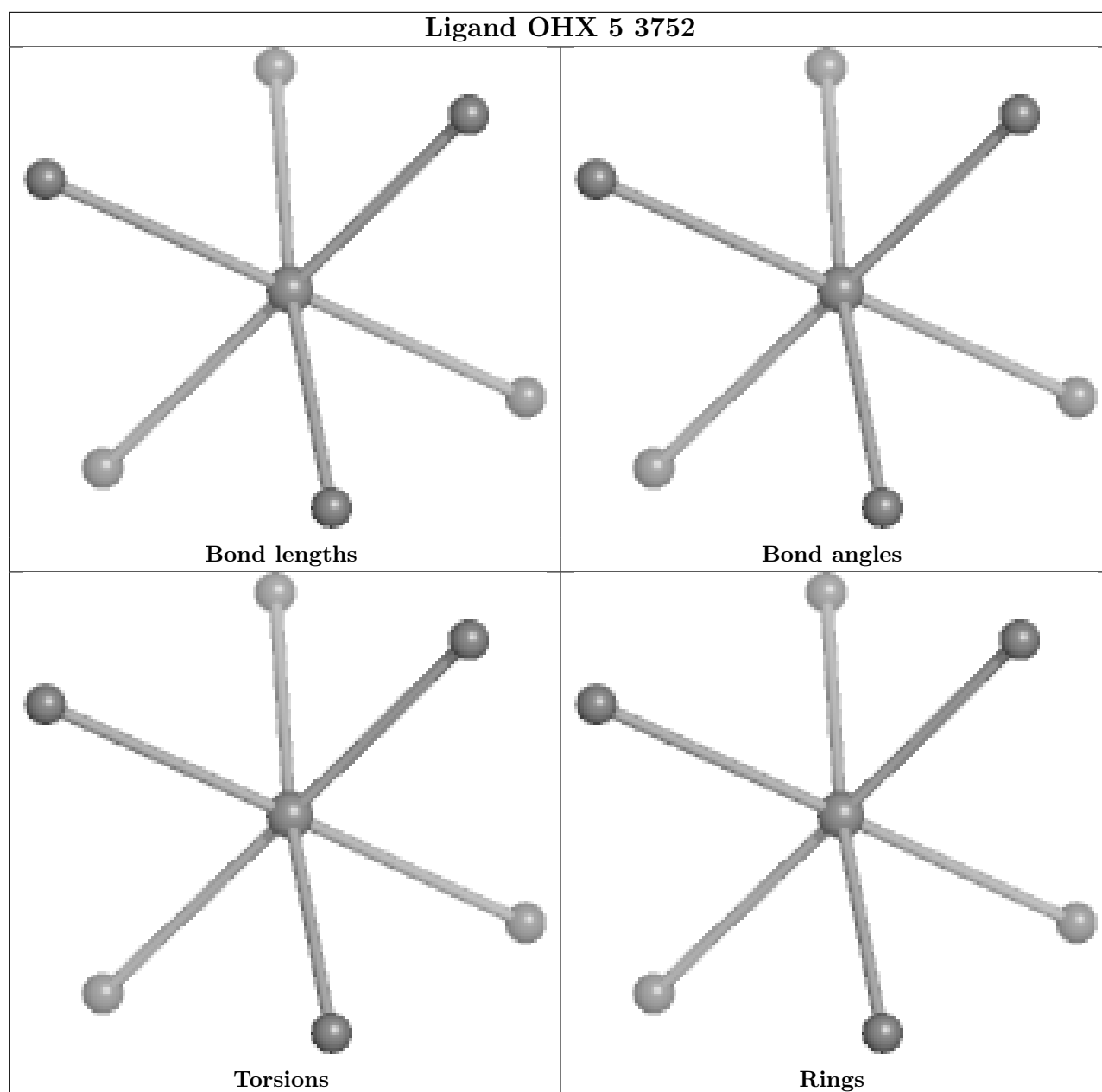


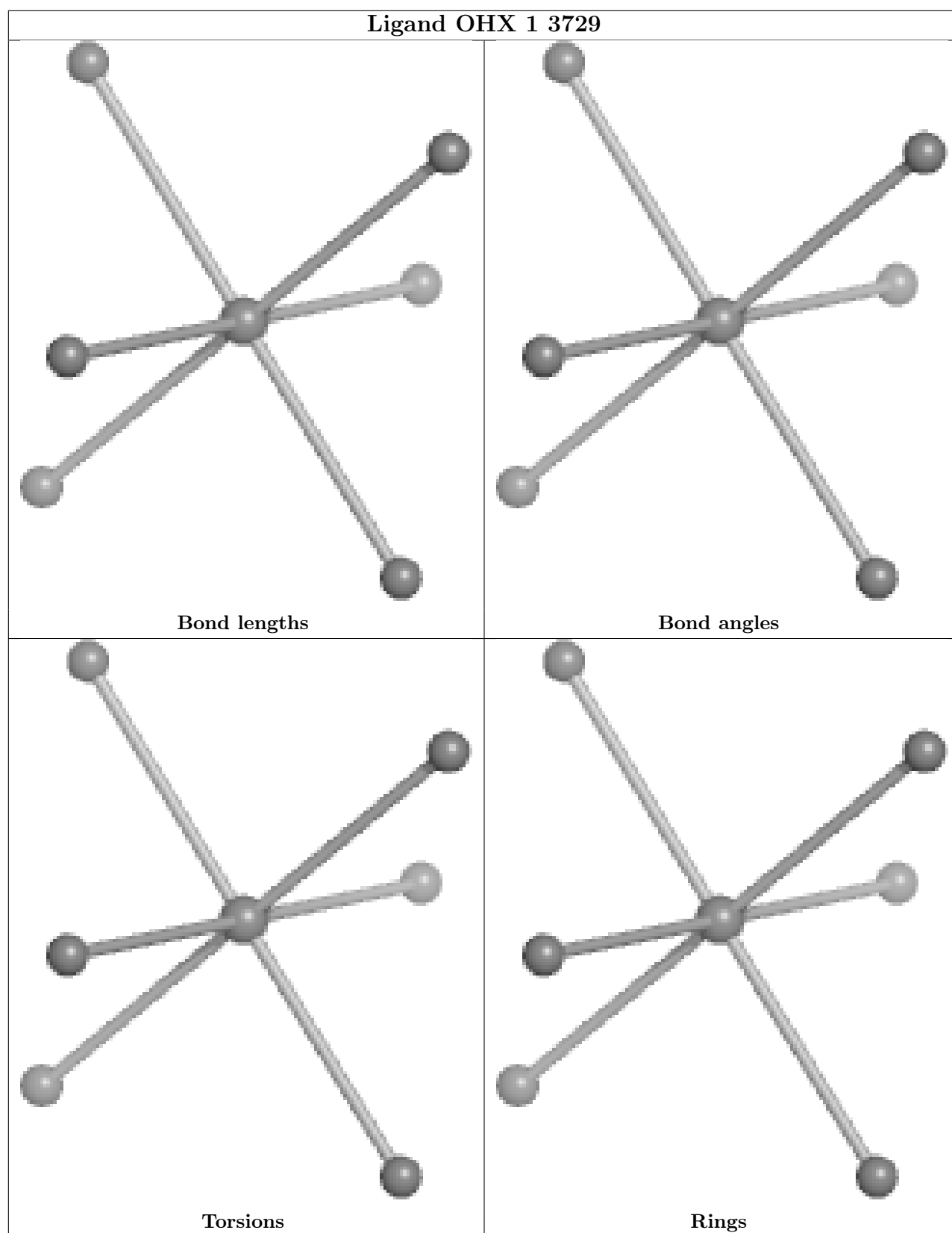


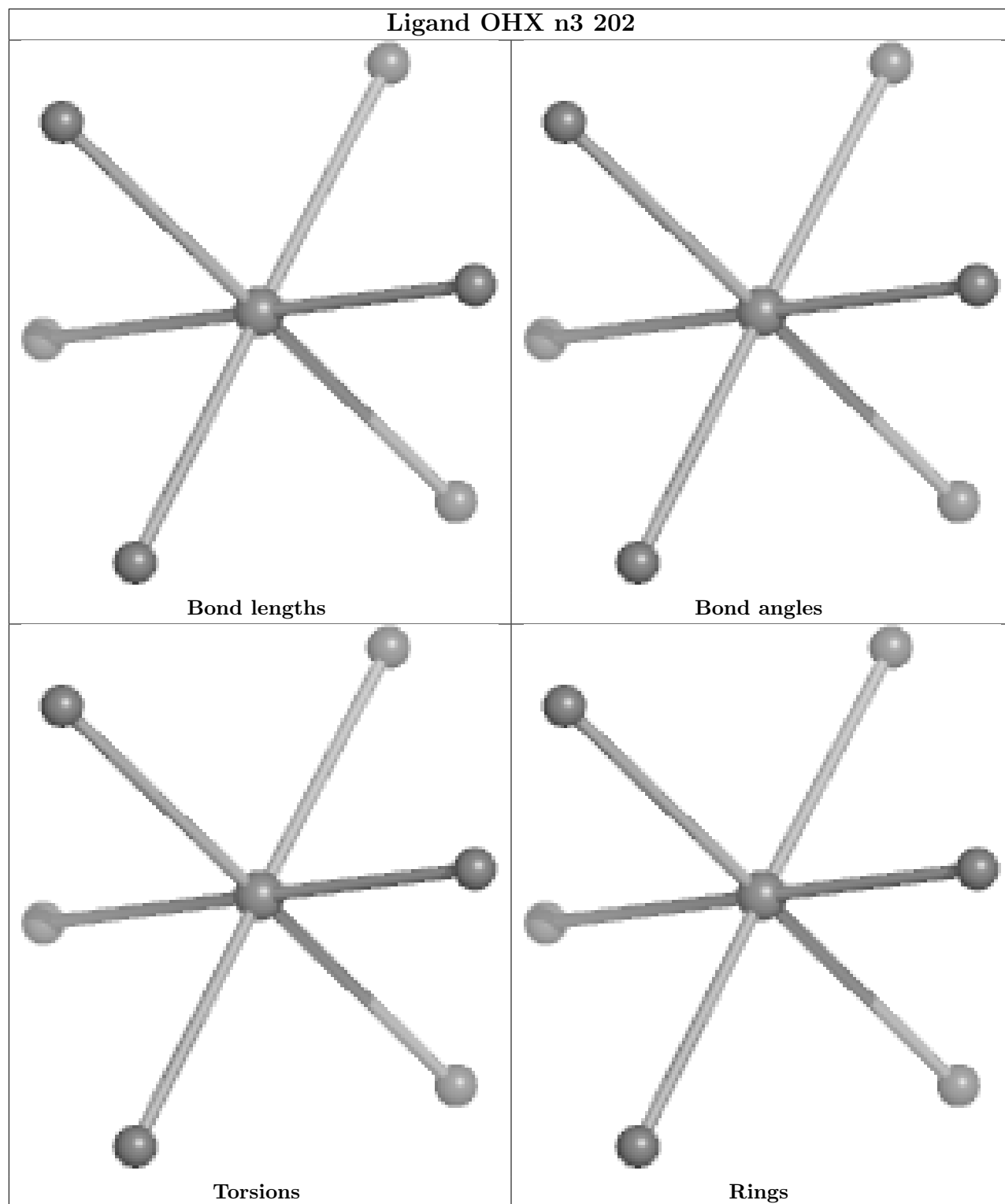


Ligand OHX 5 3807

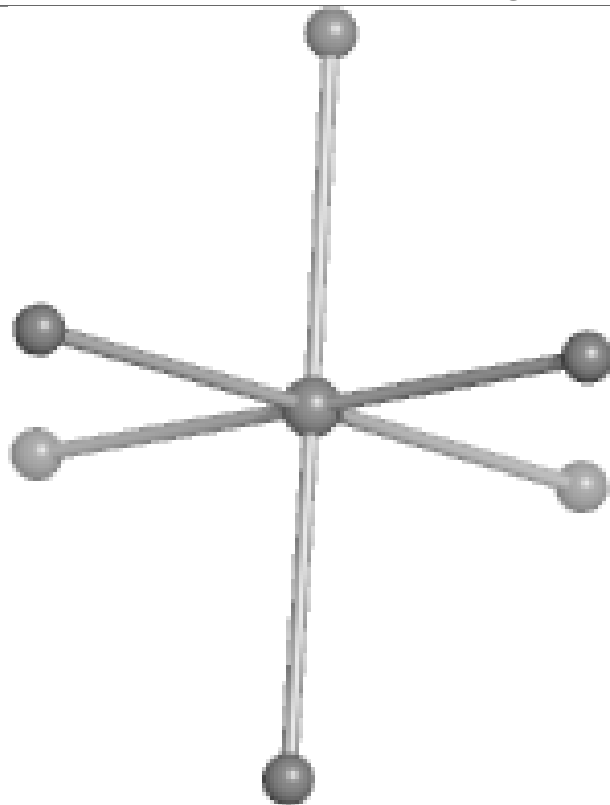




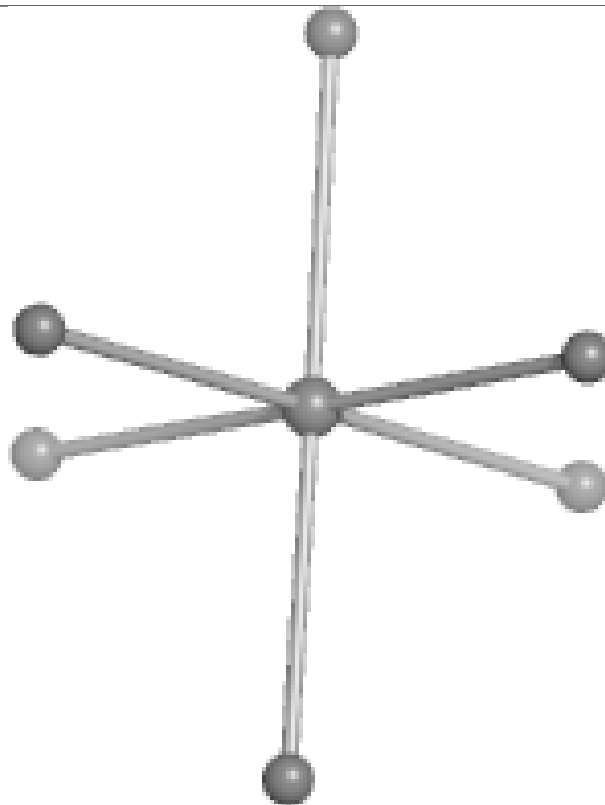




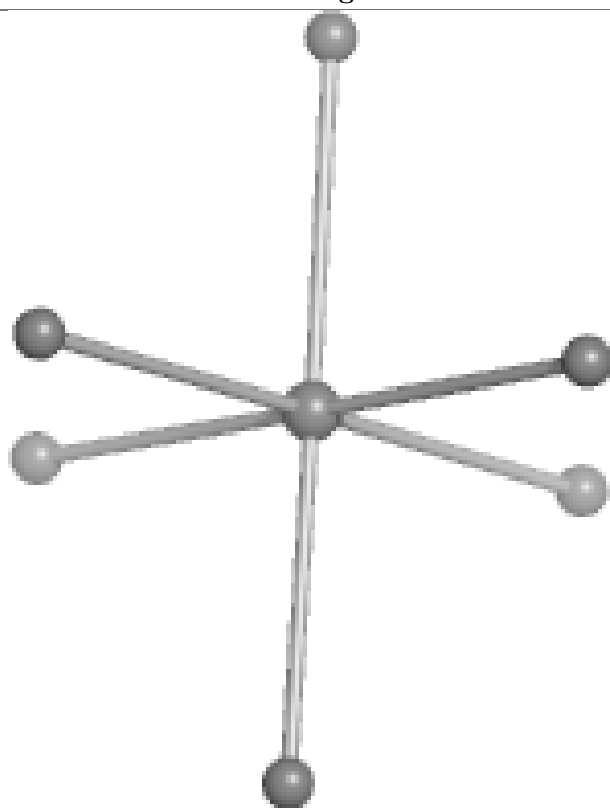
Ligand OHX 5 3708



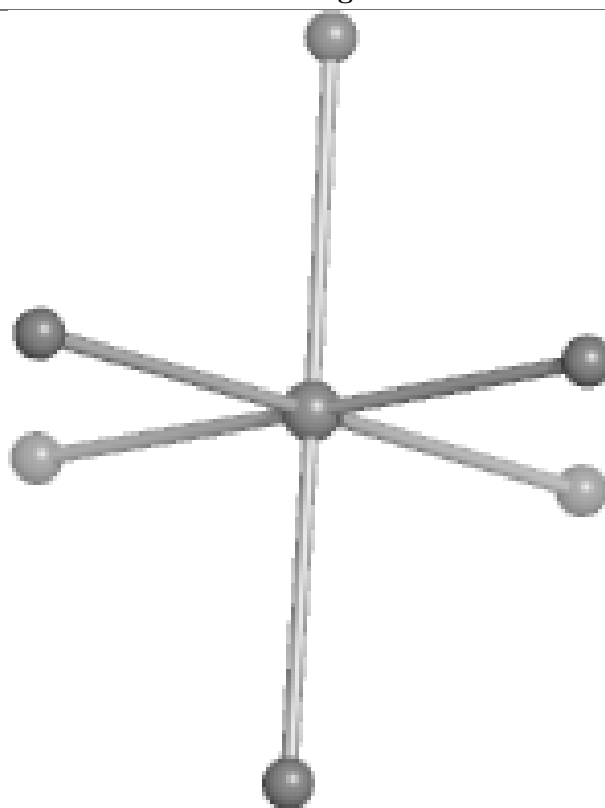
Bond lengths



Bond angles

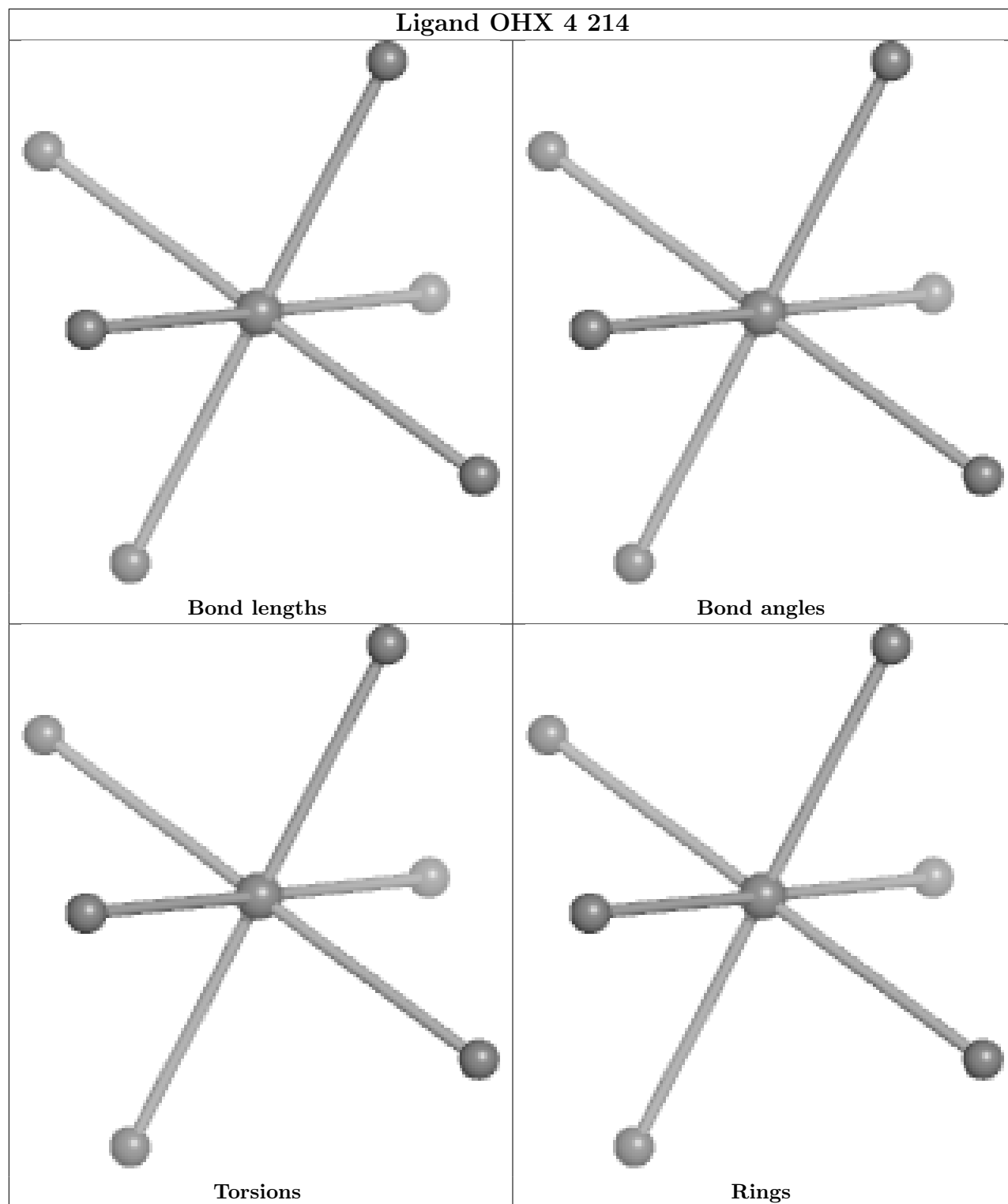


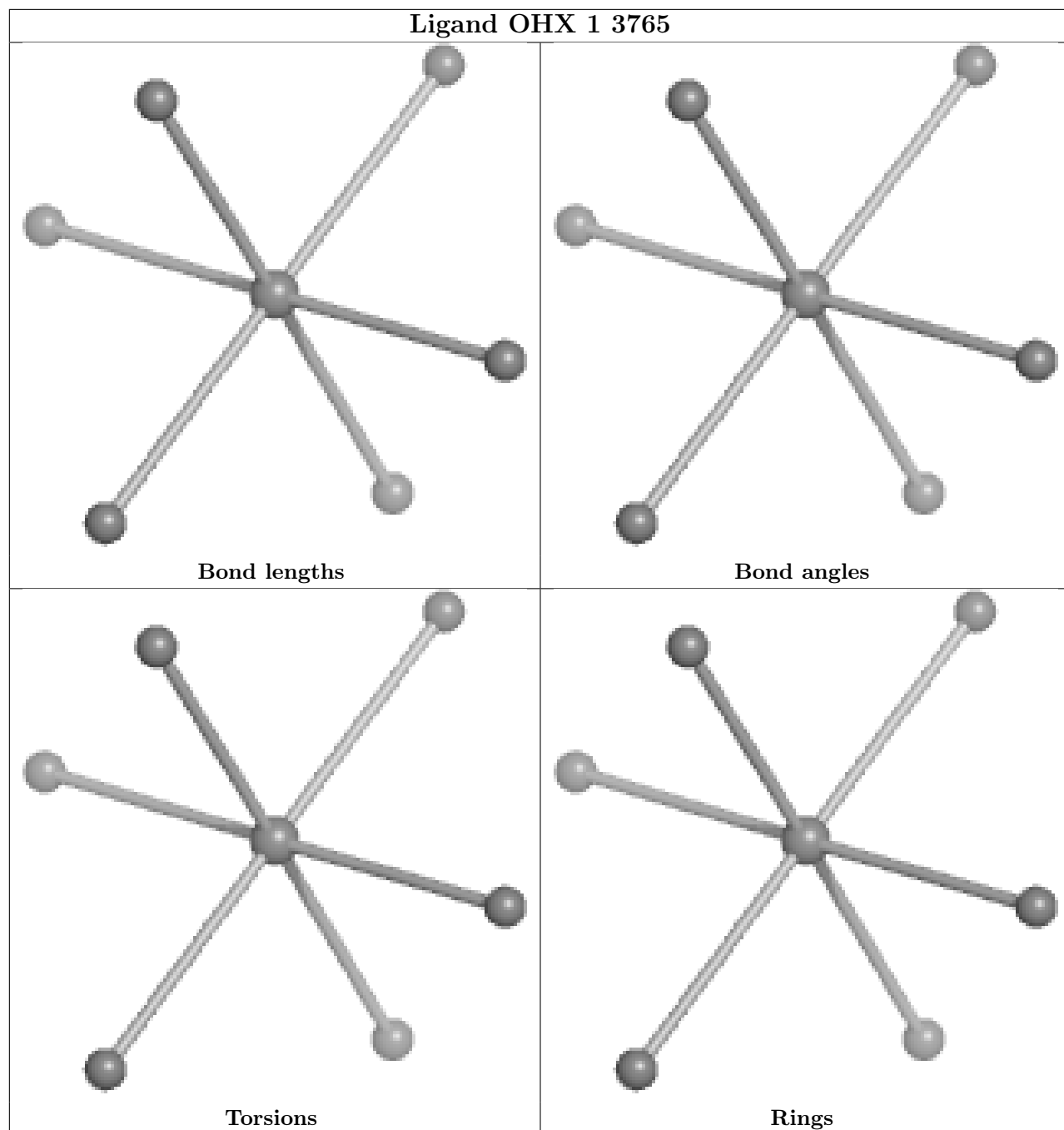
Torsions

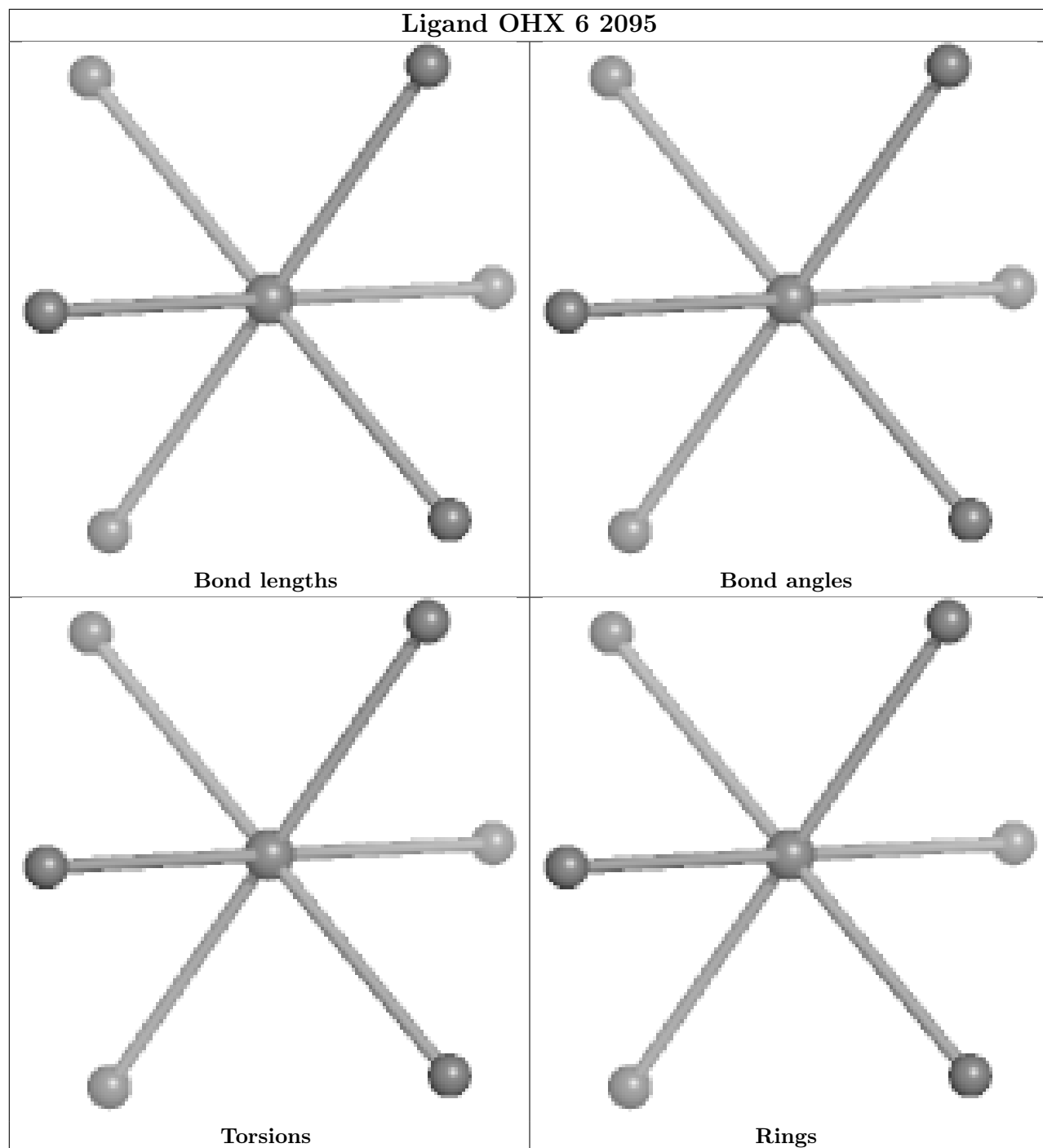


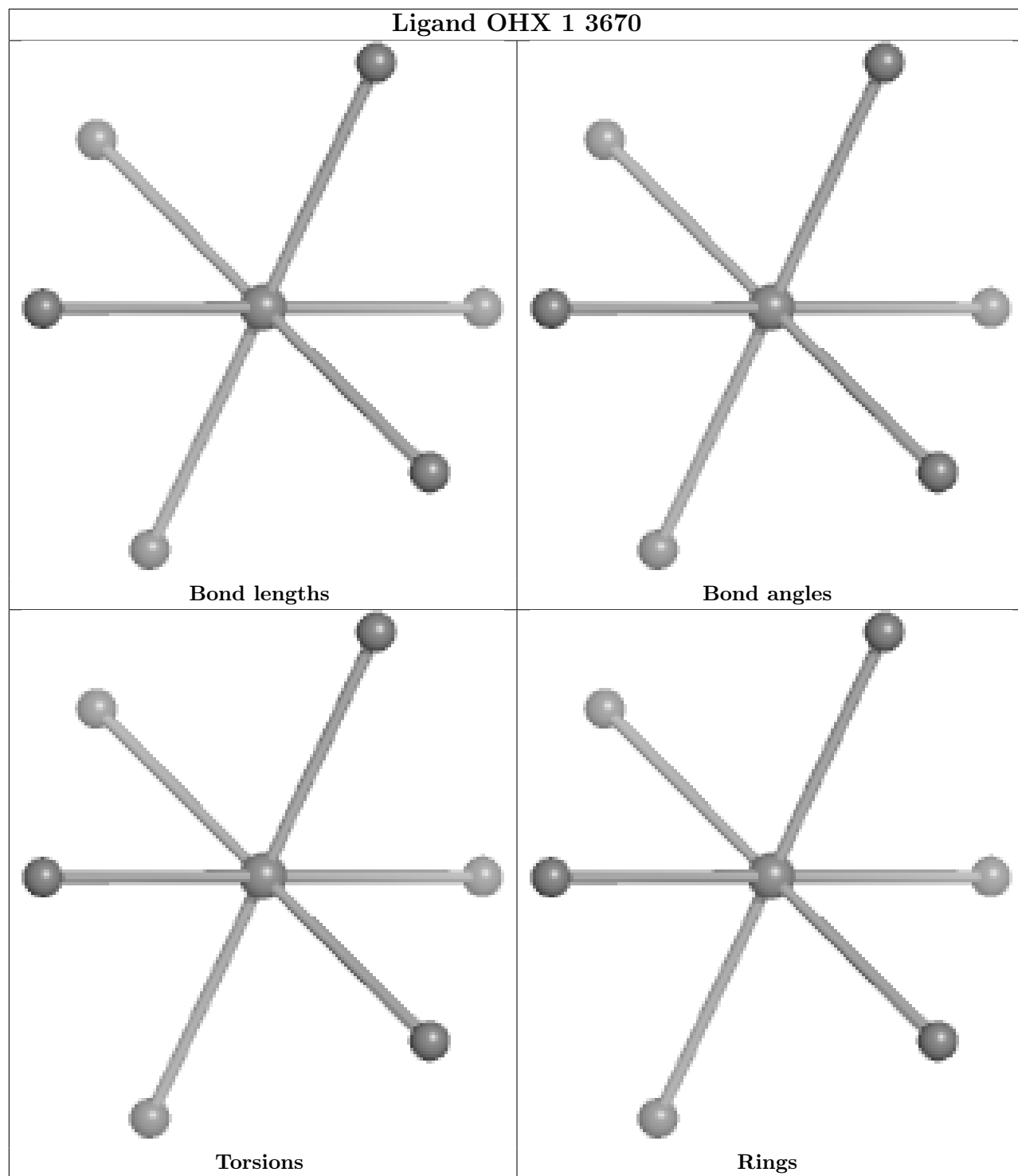
Rings

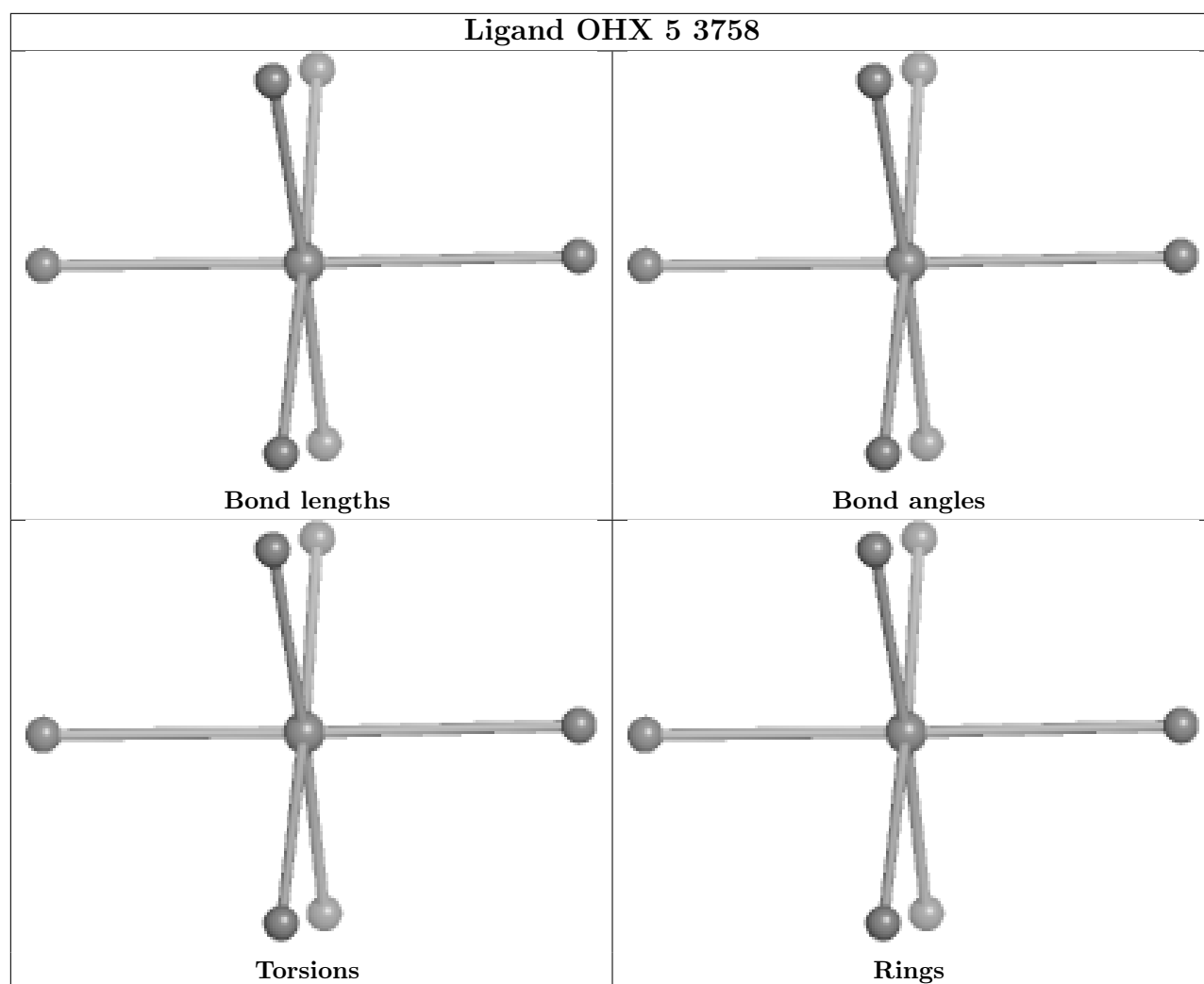
Ligand OHX 4 214

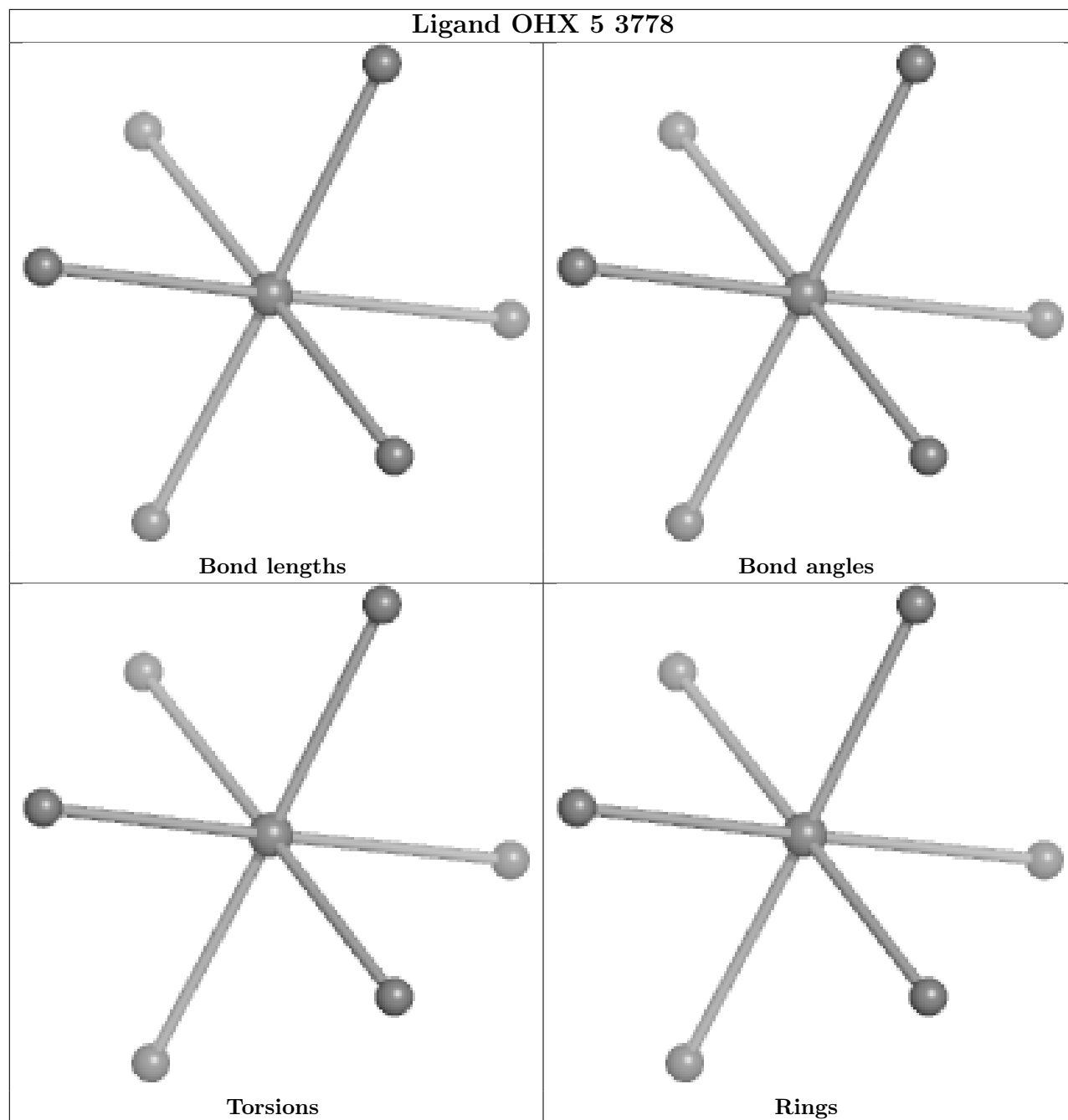


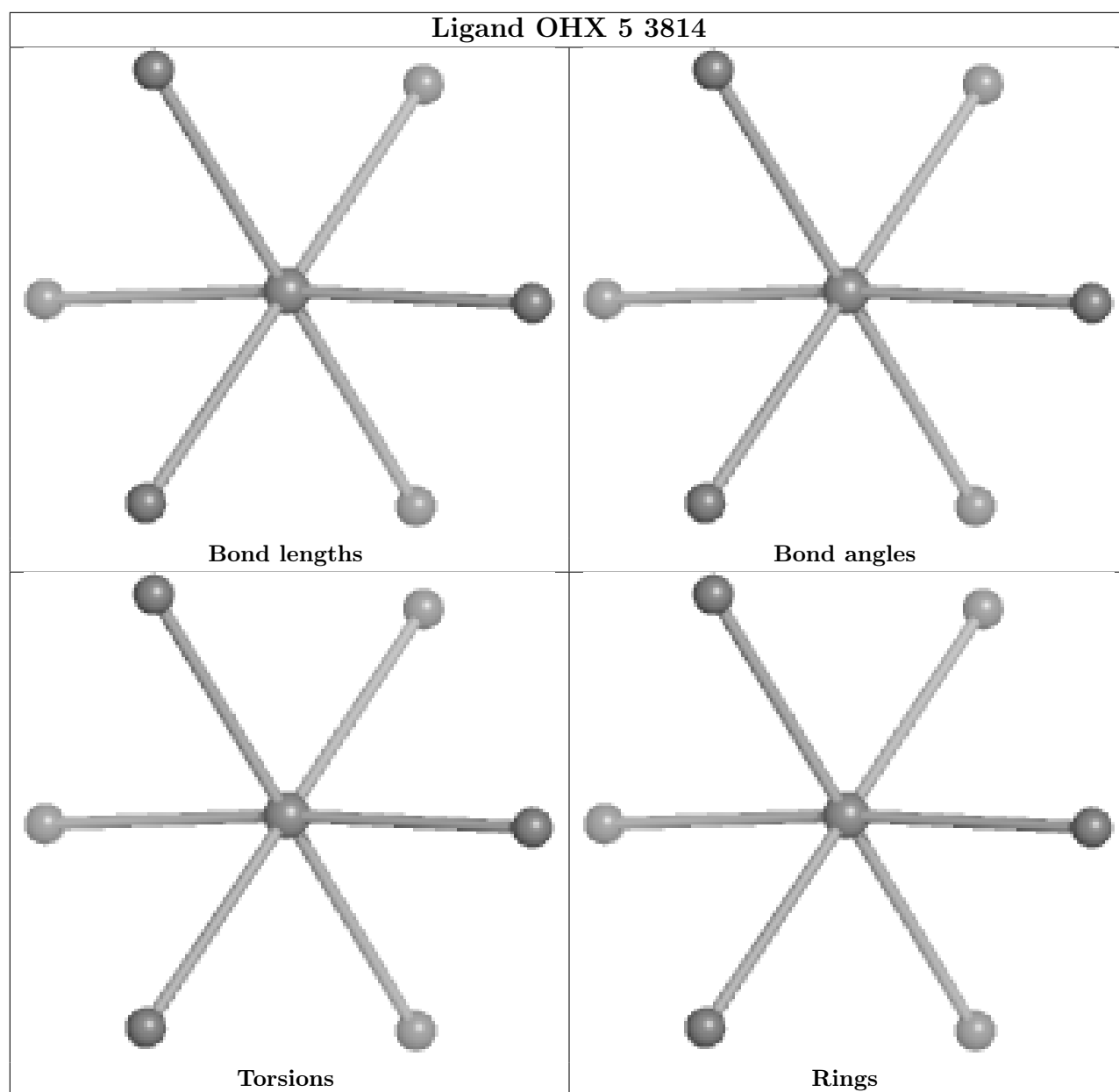


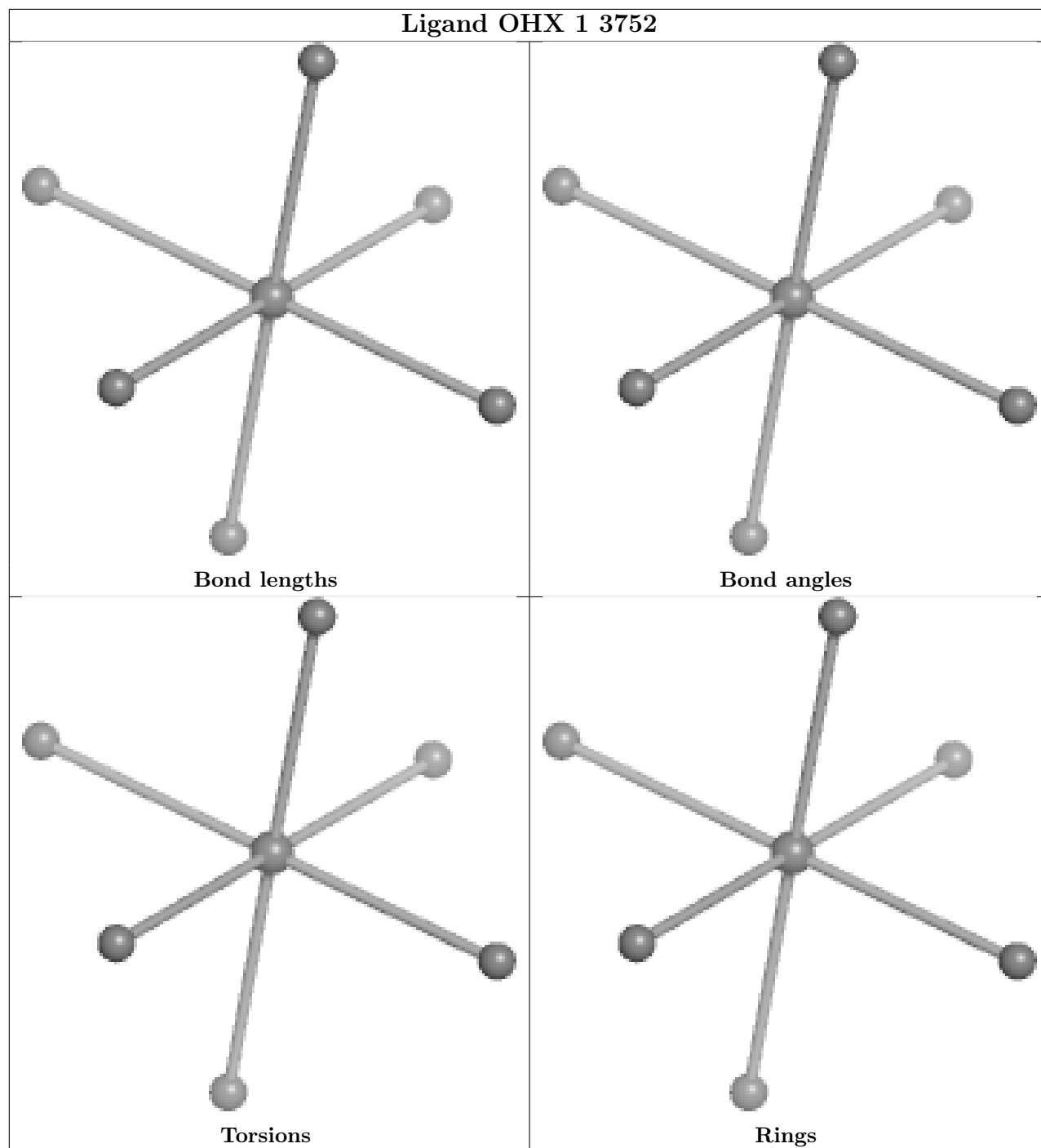




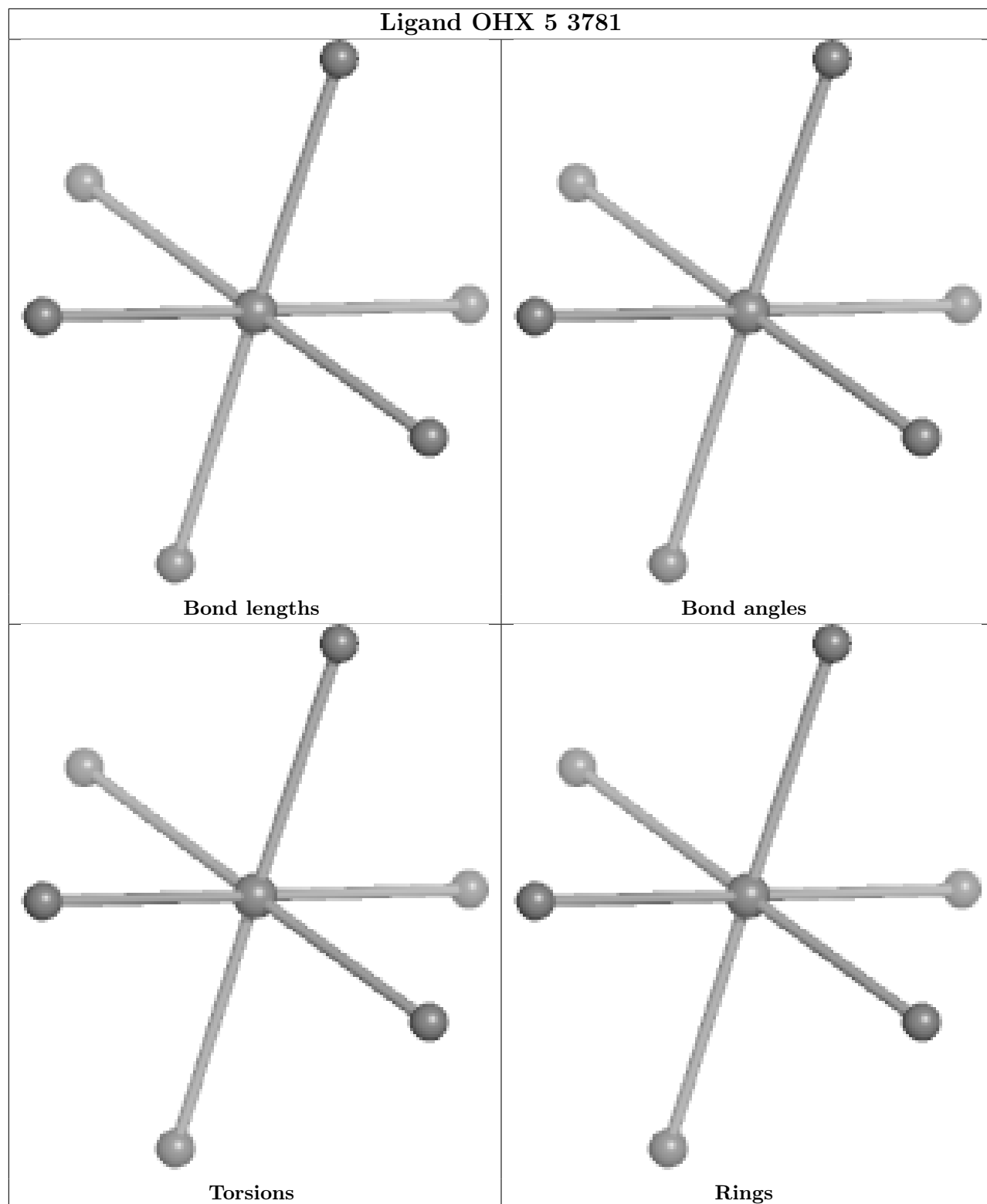




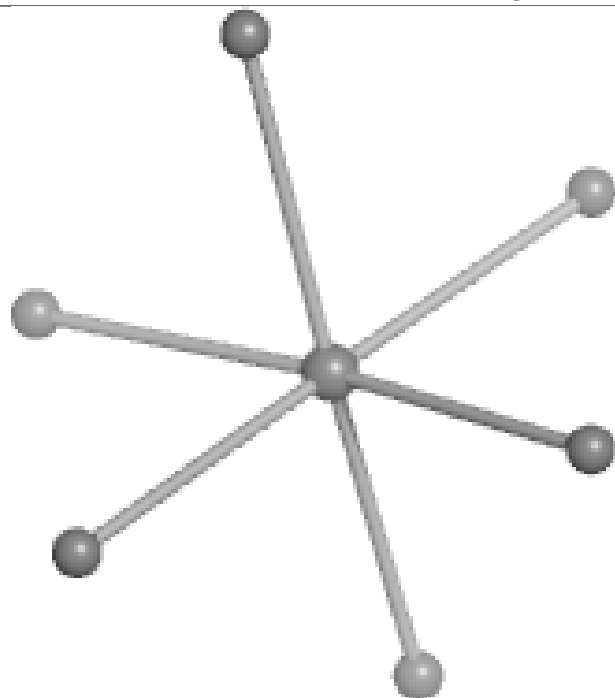




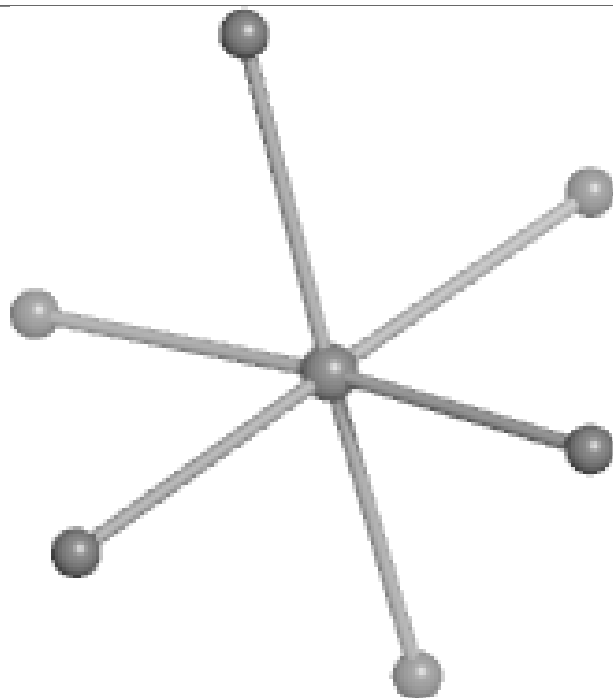
Ligand OHX 5 3781



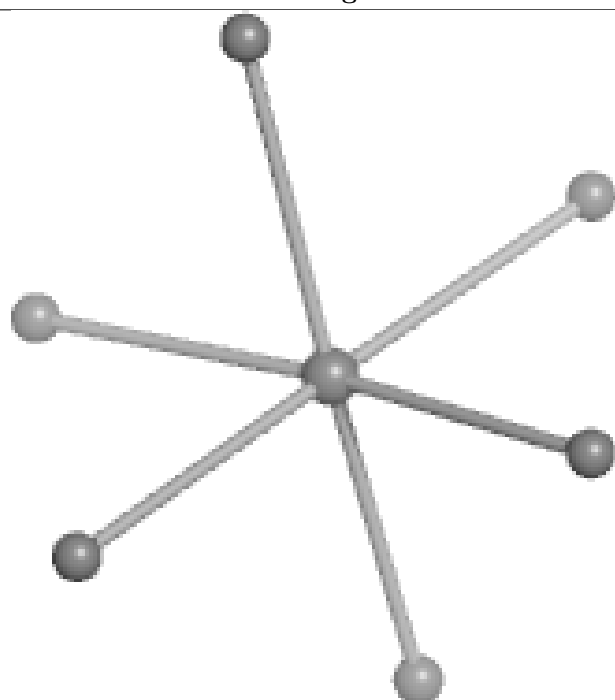
Ligand OHX 1 3733



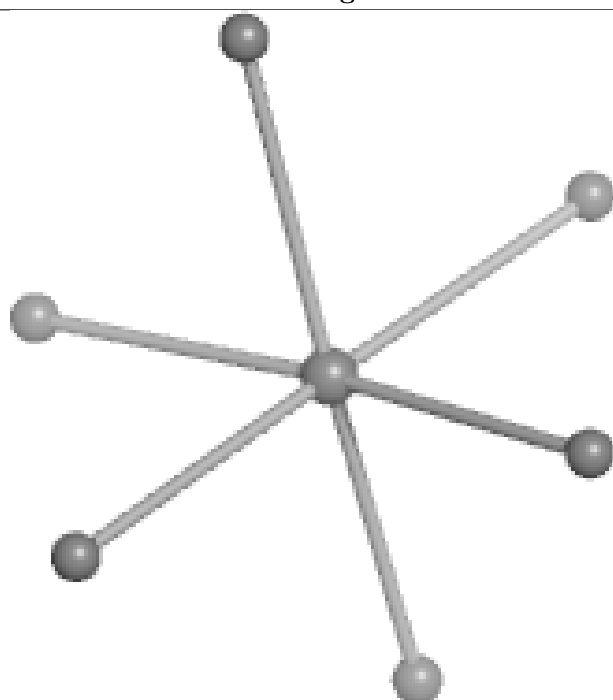
Bond lengths



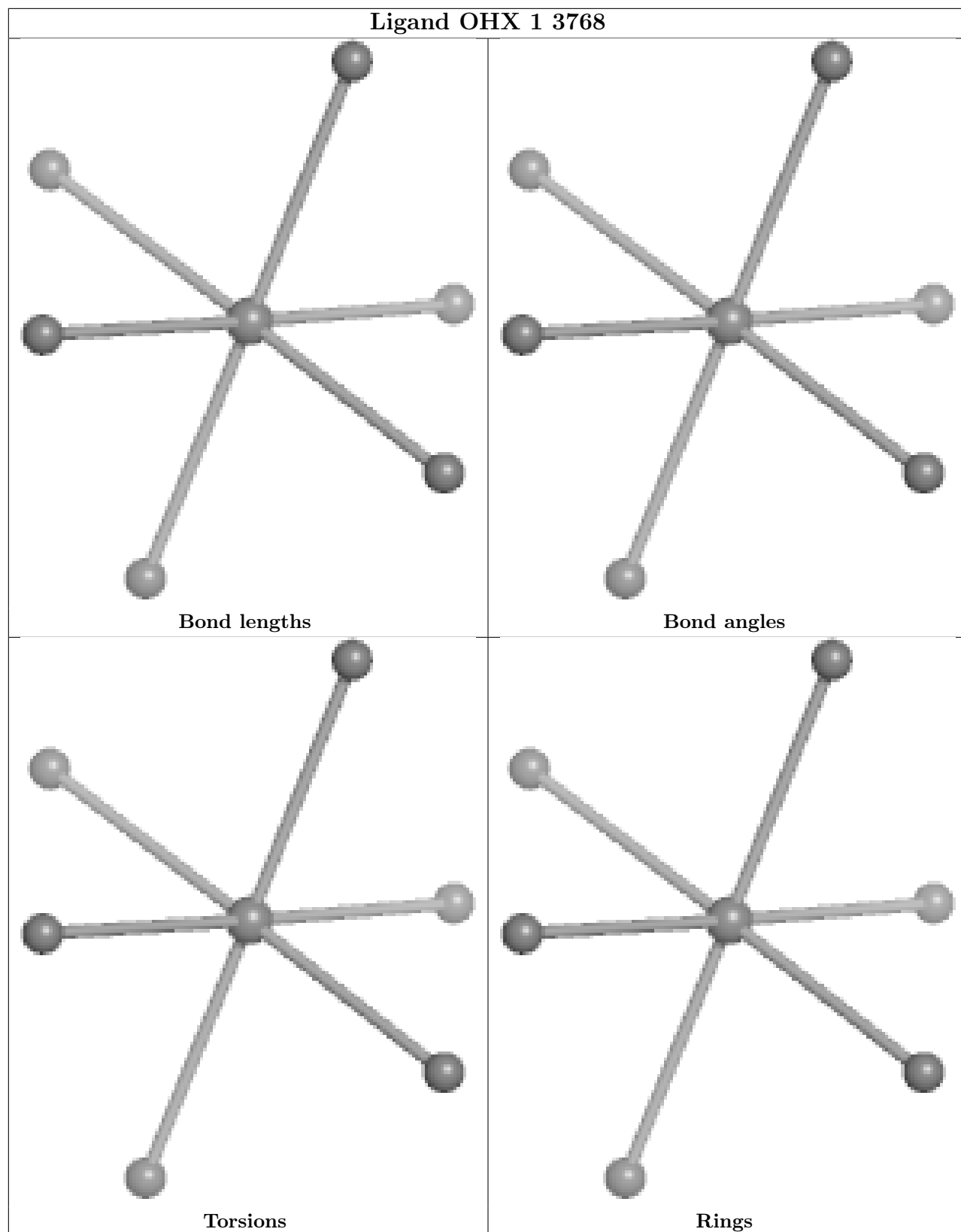
Bond angles

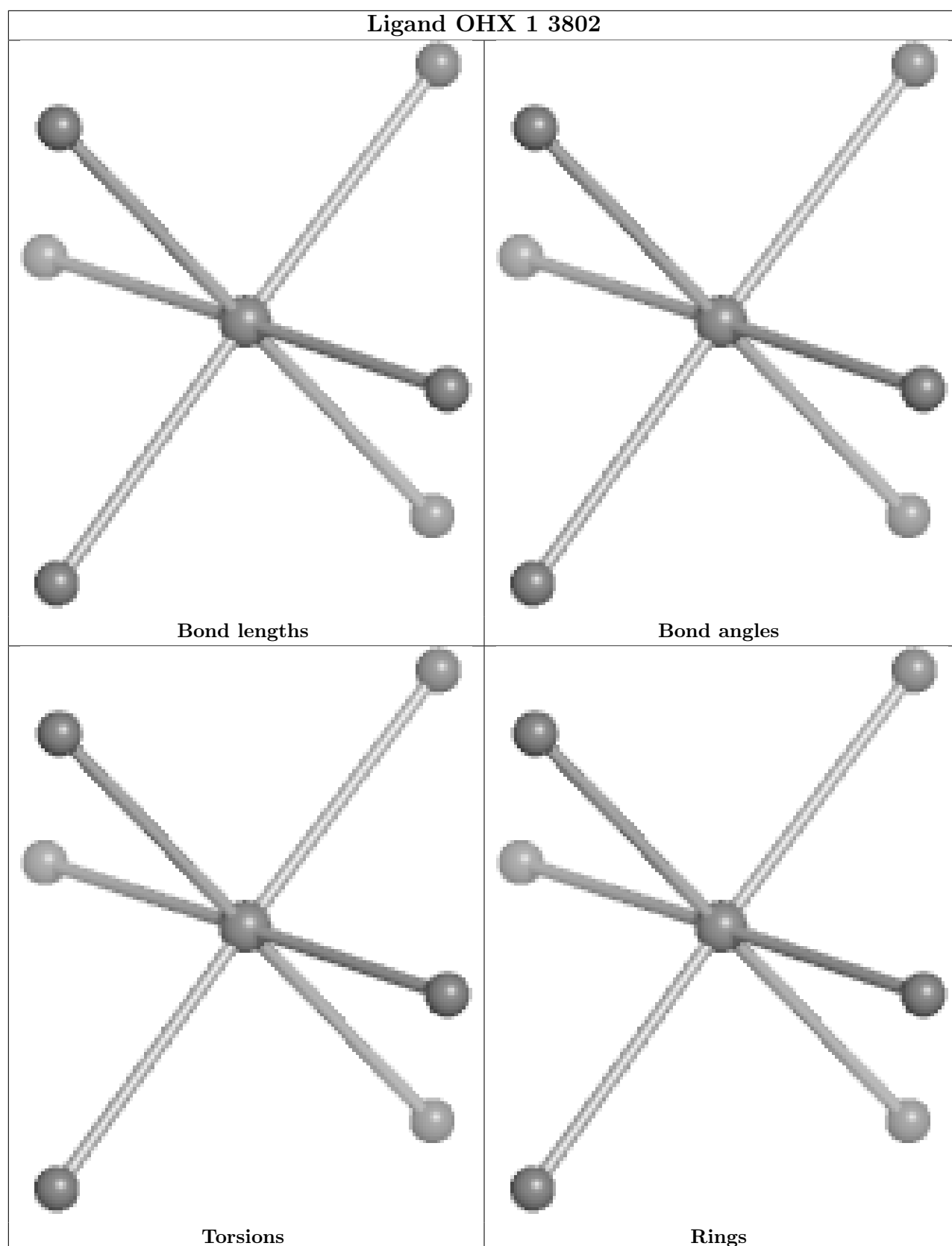


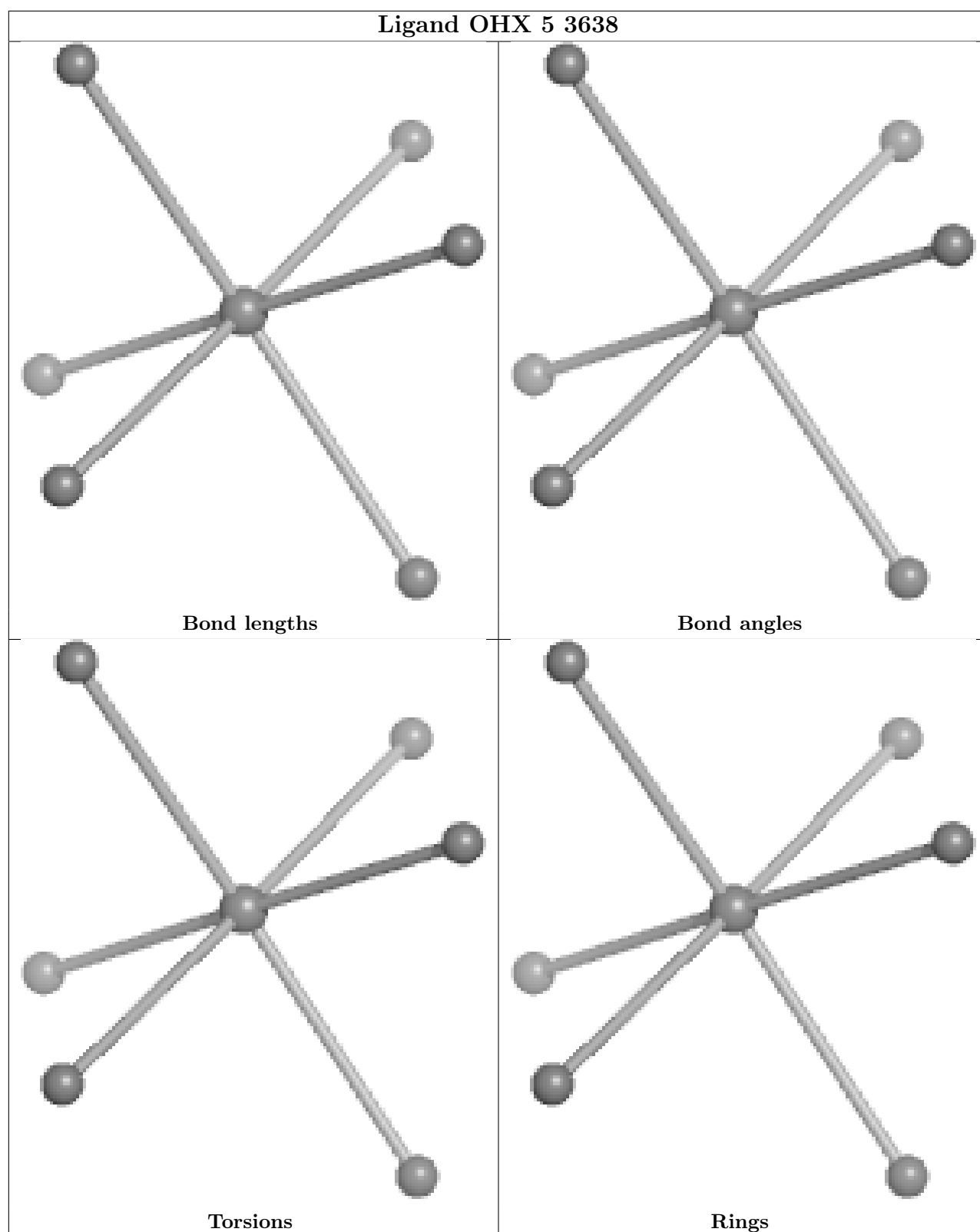
Torsions

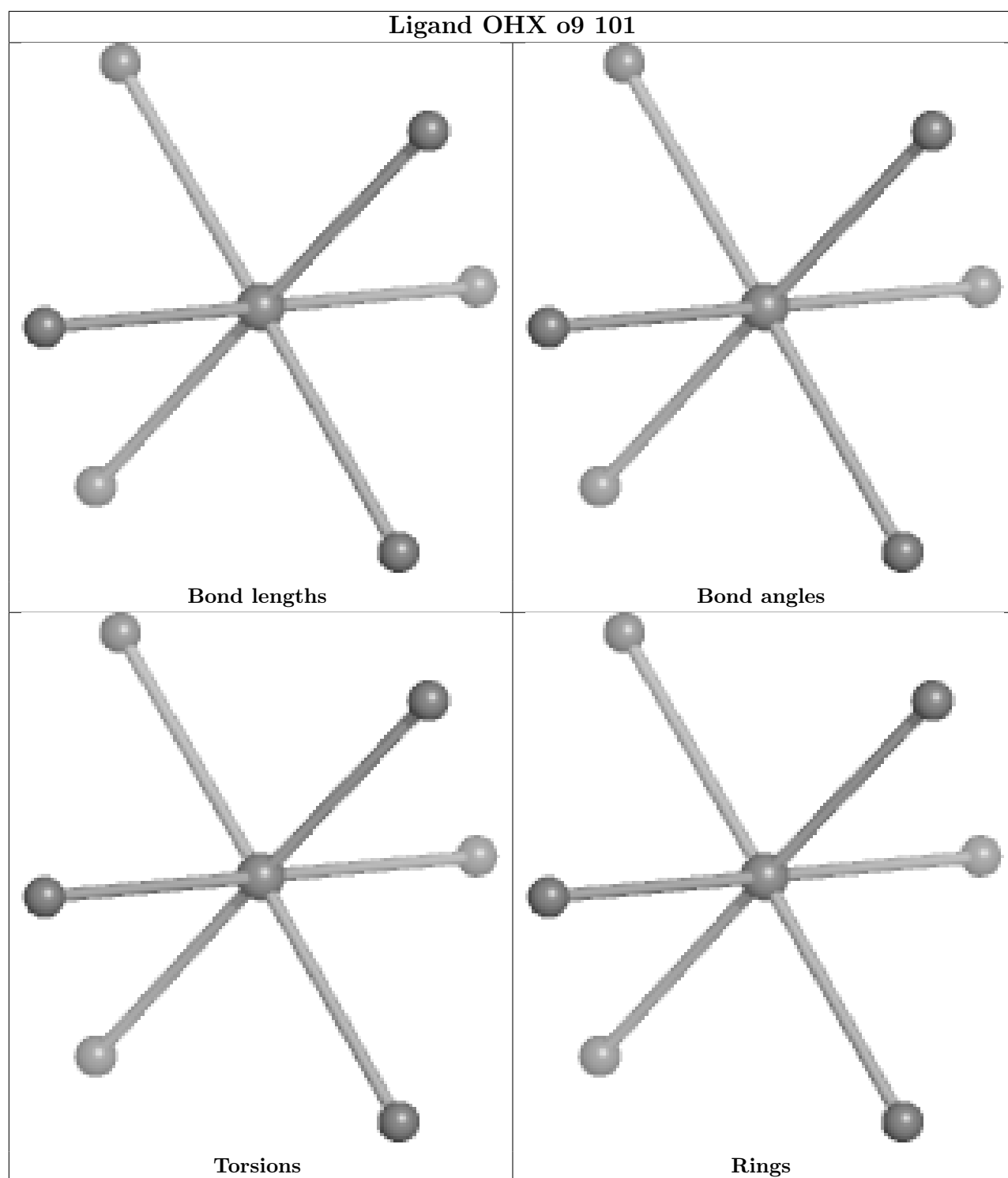


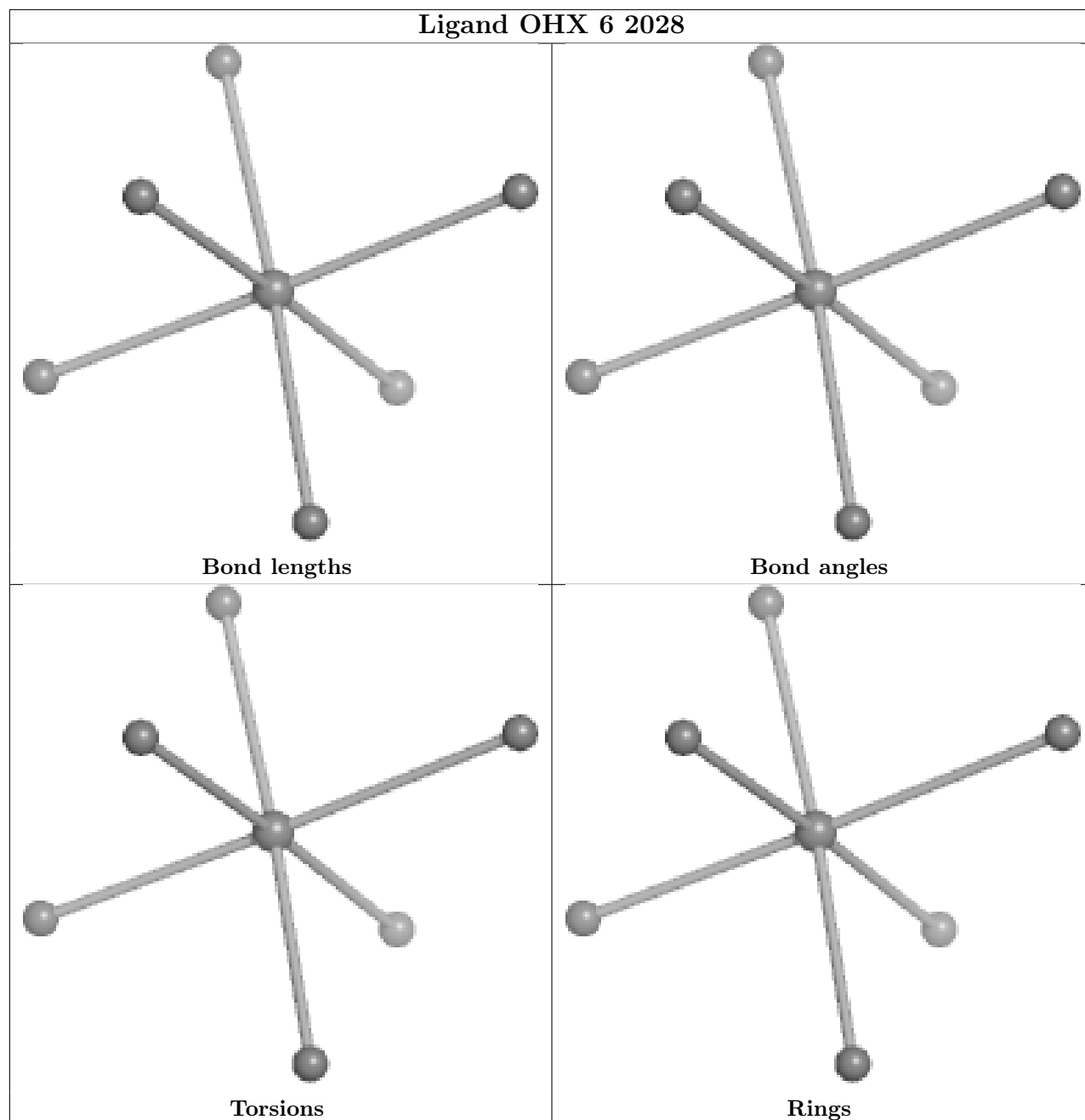
Rings



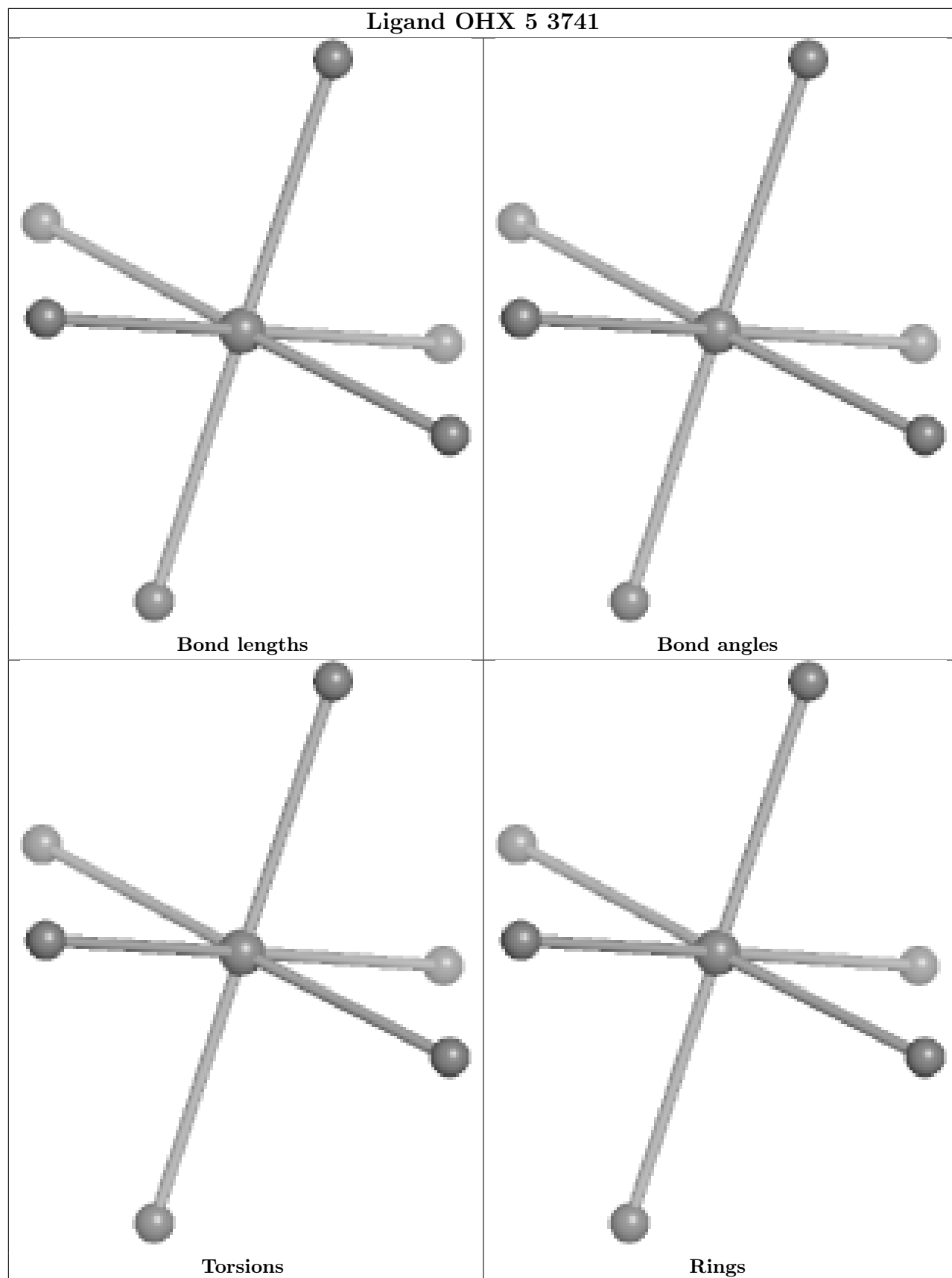


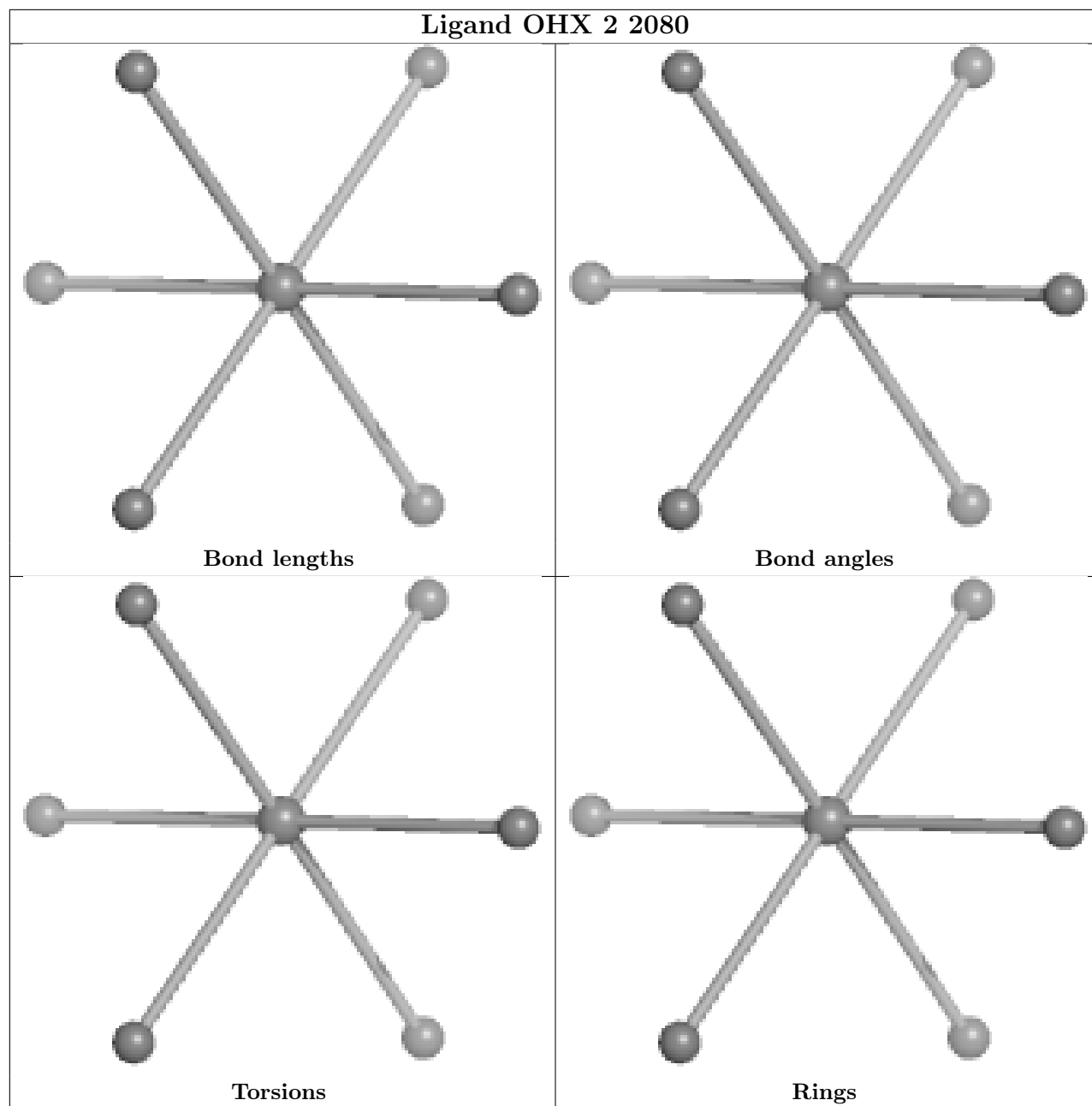


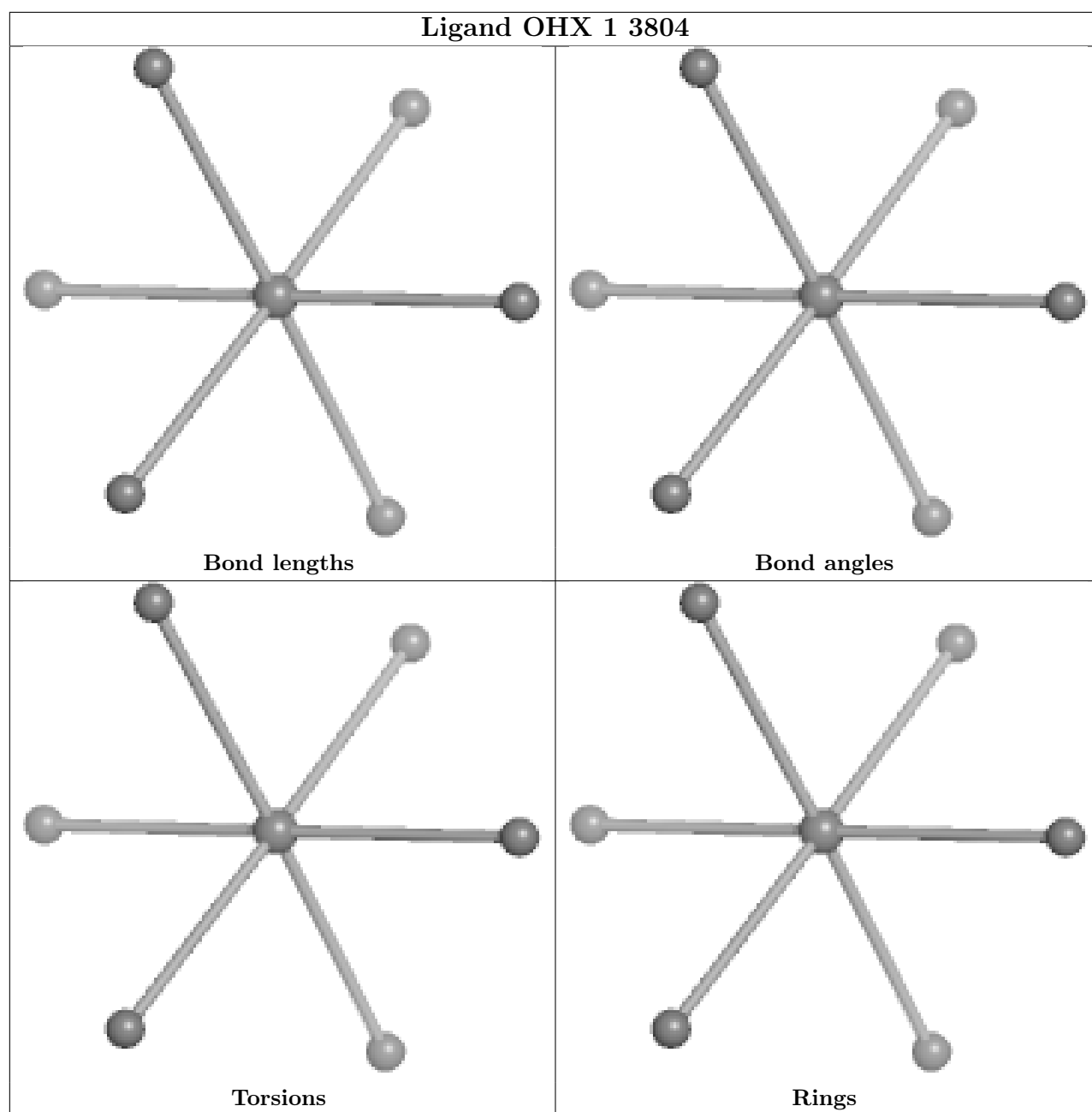




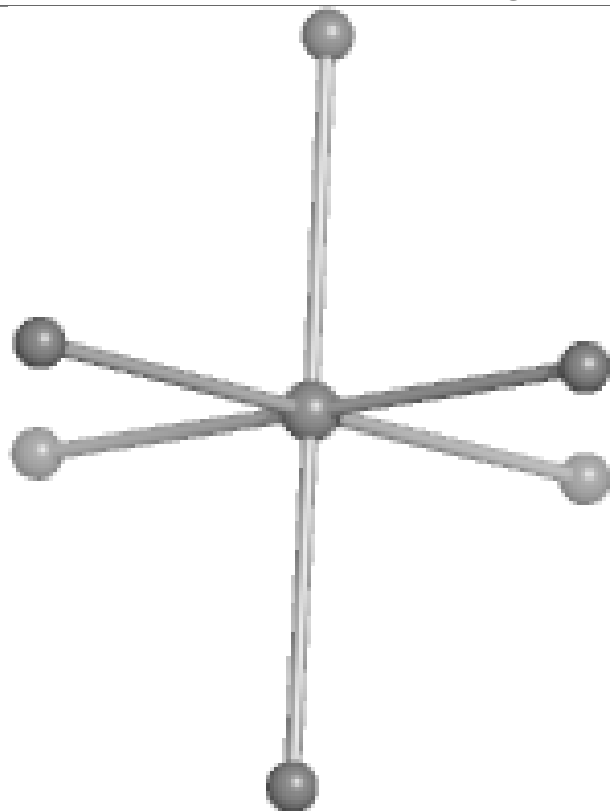
Ligand OHX 5 3741



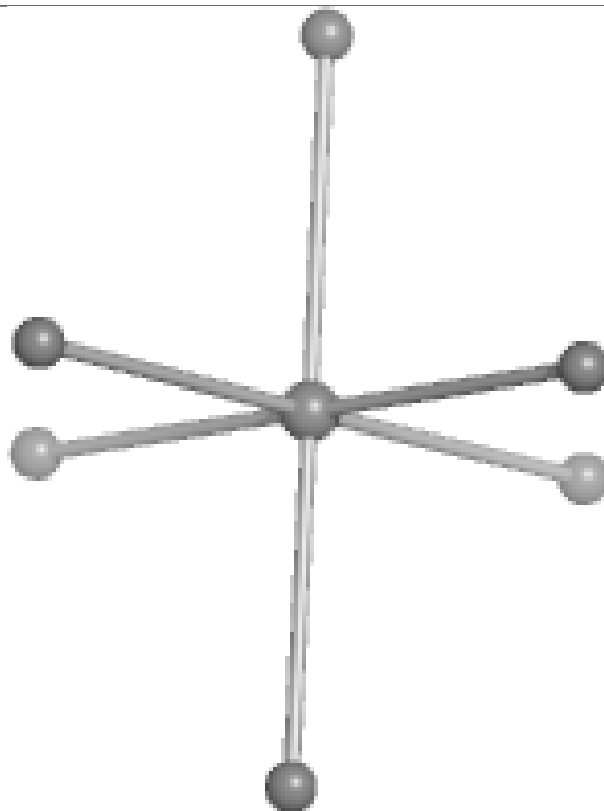




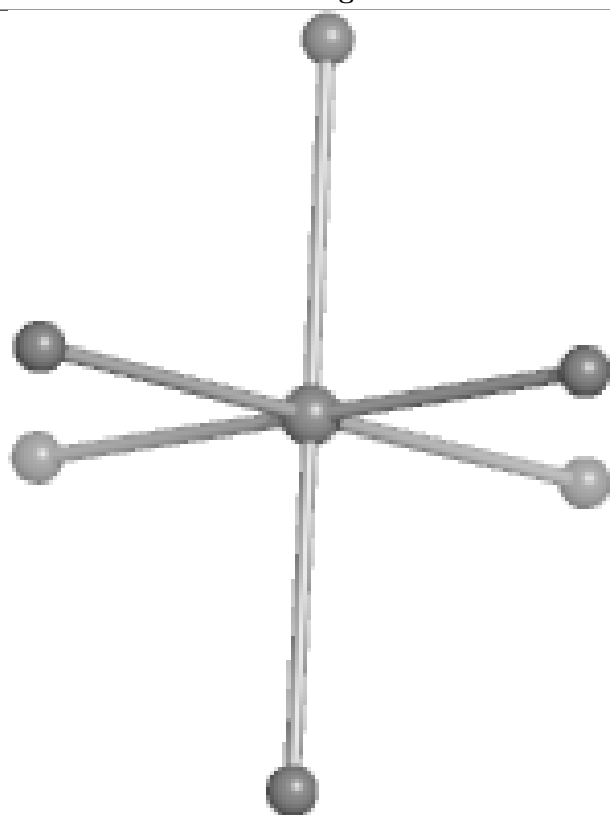
Ligand OHX 5 3691



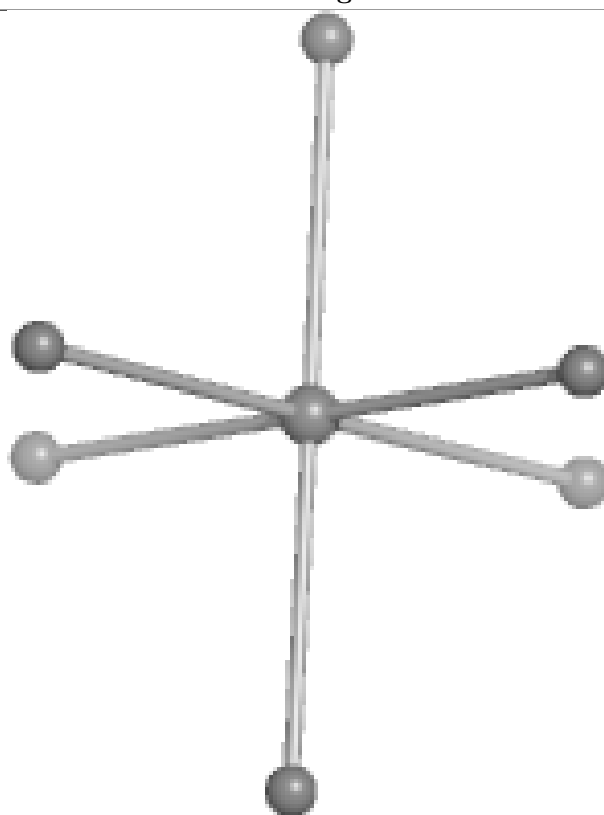
Bond lengths



Bond angles



Torsions



Rings

4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues [i](#)

The following chains have linkage breaks:

Mol	Chain	Number of breaks
82	sM	2
83	m2	2
1	2	1
35	SM	1
81	c0	1
2	S0	1
47	m0	1

The worst 5 of 9 chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	2	1798:U	O3'	1799:C	P	144.70
1	sM	85:SER	C	119:UNK	N	44.14
1	sM	139:UNK	C	155:UNK	N	37.81
1	SM	141:ALA	C	151:UNK	N	26.32
1	c0	84:GLU	C	87:UNK	N	7.55

5 Fit of model and data ⓘ

5.1 Protein, DNA and RNA chains ⓘ

In the following table, the column labelled ‘#RSRZ > 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q < 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	2	1781/1829 (97%)	0.01	31 (1%) 69 50	38, 90, 174, 223	1 (0%)
2	S0	206/206 (100%)	0.62	11 (5%) 32 22	91, 107, 116, 121	0
2	s0	206/206 (100%)	0.41	5 (2%) 59 40	68, 84, 96, 105	0
3	S1	214/216 (99%)	0.73	19 (8%) 15 12	104, 134, 158, 165	0
3	s1	216/216 (100%)	0.16	4 (1%) 66 48	72, 84, 102, 115	0
4	S2	217/217 (100%)	0.58	7 (3%) 50 34	75, 86, 98, 108	0
4	s2	217/217 (100%)	0.24	6 (2%) 55 36	55, 68, 78, 87	0
5	S3	223/223 (100%)	0.50	5 (2%) 62 43	82, 93, 112, 124	0
5	s3	223/223 (100%)	0.48	7 (3%) 51 35	74, 99, 116, 124	0
6	S4	260/260 (100%)	0.46	2 (0%) 82 68	69, 91, 98, 119	0
6	s4	260/260 (100%)	0.13	1 (0%) 88 79	47, 69, 82, 106	0
7	S5	206/206 (100%)	0.83	18 (8%) 16 12	96, 112, 124, 132	0
7	s5	206/206 (100%)	0.54	10 (4%) 35 23	79, 97, 113, 121	0
8	S6	226/226 (100%)	0.88	24 (10%) 11 9	72, 106, 120, 125	0
8	s6	218/226 (96%)	0.36	11 (5%) 34 23	49, 77, 94, 110	0
9	S7	184/186 (98%)	0.66	7 (3%) 44 30	90, 114, 139, 144	0
9	s7	186/186 (100%)	0.41	9 (4%) 35 24	65, 96, 124, 132	0
10	S8	188/199 (94%)	0.34	3 (1%) 70 52	63, 79, 113, 125	0
10	s8	188/199 (94%)	0.40	7 (3%) 45 31	46, 66, 107, 124	0
11	S9	185/185 (100%)	0.48	3 (1%) 70 52	81, 95, 126, 141	0
11	s9	185/185 (100%)	0.31	4 (2%) 62 43	57, 74, 104, 122	0
12	C0	96/96 (100%)	0.69	6 (6%) 26 17	84, 105, 126, 135	0
13	C1	155/155 (100%)	0.54	13 (8%) 17 13	64, 76, 112, 121	0
13	c1	146/155 (94%)	0.46	9 (6%) 26 18	48, 61, 89, 110	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
14	C2	124/124 (100%)	0.73	8 (6%) 25 17	133, 139, 151, 157	0
14	c2	124/124 (100%)	1.06	19 (15%) 5 5	167, 183, 195, 200	0
15	C3	150/150 (100%)	0.48	6 (4%) 42 28	75, 88, 104, 108	0
15	c3	150/150 (100%)	0.16	2 (1%) 75 56	57, 70, 86, 88	0
16	C4	127/128 (99%)	0.82	8 (6%) 26 17	75, 129, 142, 144	0
16	c4	128/128 (100%)	0.30	4 (3%) 51 35	54, 86, 94, 104	0
17	C5	124/135 (91%)	0.47	4 (3%) 50 34	79, 94, 110, 126	0
17	c5	135/135 (100%)	0.47	8 (5%) 28 19	67, 97, 112, 115	0
18	C6	141/142 (99%)	0.78	9 (6%) 25 17	82, 102, 107, 110	0
18	c6	142/142 (100%)	0.68	13 (9%) 14 11	73, 91, 104, 121	0
19	C7	120/125 (96%)	0.54	2 (1%) 69 50	91, 105, 124, 126	0
19	c7	117/125 (93%)	0.48	6 (5%) 33 22	78, 91, 105, 112	0
20	C8	145/145 (100%)	0.47	3 (2%) 63 44	77, 97, 120, 127	0
20	c8	145/145 (100%)	0.42	8 (5%) 30 21	73, 89, 109, 114	0
21	C9	143/143 (100%)	0.66	9 (6%) 26 17	85, 99, 111, 120	0
21	c9	143/143 (100%)	0.29	4 (2%) 55 36	76, 85, 99, 107	0
22	D0	107/110 (97%)	0.90	10 (9%) 14 11	77, 105, 124, 127	0
22	d0	110/110 (100%)	0.66	7 (6%) 25 17	74, 102, 127, 134	0
23	D1	87/87 (100%)	0.42	2 (2%) 61 42	87, 95, 109, 115	0
23	d1	87/87 (100%)	0.14	0 100 100	65, 73, 93, 100	0
24	D2	129/129 (100%)	0.52	3 (2%) 61 42	73, 84, 90, 100	0
24	d2	129/129 (100%)	-0.05	0 100 100	53, 61, 68, 76	0
25	D3	144/144 (100%)	0.41	10 (6%) 23 16	64, 71, 83, 97	0
25	d3	144/144 (100%)	0.29	7 (4%) 35 23	45, 52, 62, 77	0
26	D4	134/134 (100%)	0.41	2 (1%) 72 53	81, 102, 113, 118	0
26	d4	134/134 (100%)	0.26	2 (1%) 72 53	56, 76, 87, 91	0
27	D5	70/70 (100%)	0.45	2 (2%) 53 35	108, 118, 124, 125	0
27	d5	69/70 (98%)	0.39	1 (1%) 73 55	89, 104, 111, 113	0
28	D6	97/97 (100%)	1.17	16 (16%) 4 4	79, 94, 142, 143	0
28	d6	97/97 (100%)	0.43	2 (2%) 63 44	58, 72, 97, 100	0
29	D7	81/81 (100%)	0.69	2 (2%) 58 39	90, 106, 133, 136	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
29	d7	81/81 (100%)	0.36	2 (2%) 58 39	66, 83, 117, 120	0
30	D8	63/63 (100%)	1.06	10 (15%) 5 4	106, 122, 129, 131	0
30	d8	63/63 (100%)	0.58	1 (1%) 70 52	96, 110, 117, 119	0
31	D9	53/53 (100%)	0.39	1 (1%) 66 48	75, 80, 100, 104	0
31	d9	53/53 (100%)	0.29	0 100 100	71, 83, 117, 130	0
32	E0	60/62 (96%)	0.59	4 (6%) 24 16	70, 100, 125, 128	0
32	e0	62/62 (100%)	0.25	3 (4%) 35 24	55, 79, 104, 105	0
33	E1	71/76 (93%)	0.62	4 (5%) 30 20	96, 129, 140, 142	0
33	e1	76/76 (100%)	1.06	14 (18%) 3 3	100, 155, 176, 178	0
34	SR	318/318 (100%)	0.54	12 (3%) 44 30	100, 111, 126, 148	0
34	sR	318/318 (100%)	0.77	22 (6%) 23 16	96, 110, 122, 137	0
35	SM	133/159 (83%)	0.83	15 (11%) 10 8	54, 86, 117, 122	0
36	1	3149/3394 (92%)	-0.37	26 (0%) 82 68	30, 54, 125, 221	0
36	5	3150/3394 (92%)	-0.45	21 (0%) 84 70	31, 50, 117, 193	0
37	3	121/121 (100%)	-0.42	0 100 100	40, 70, 86, 94	0
37	7	121/121 (100%)	-0.67	1 (0%) 82 68	35, 53, 64, 71	0
38	4	158/158 (100%)	-0.48	1 (0%) 85 73	40, 60, 96, 129	0
38	8	158/158 (100%)	-0.40	1 (0%) 85 73	42, 64, 97, 126	0
39	L2	252/252 (100%)	0.18	5 (1%) 65 46	40, 57, 74, 83	0
39	l2	252/252 (100%)	0.09	5 (1%) 65 46	38, 56, 74, 87	0
40	L3	386/386 (100%)	0.07	4 (1%) 79 63	38, 57, 69, 83	0
40	l3	386/386 (100%)	-0.06	14 (3%) 46 31	30, 42, 56, 76	0
41	L4	361/361 (100%)	-0.11	4 (1%) 78 60	34, 48, 63, 70	0
41	l4	361/361 (100%)	-0.09	1 (0%) 90 82	37, 52, 70, 76	0
42	L5	296/296 (100%)	0.28	6 (2%) 65 46	51, 76, 94, 108	0
42	l5	294/296 (99%)	-0.06	3 (1%) 79 63	42, 54, 75, 94	0
43	L6	156/175 (89%)	-0.08	1 (0%) 85 73	44, 53, 66, 77	0
43	l6	157/175 (89%)	-0.16	0 100 100	44, 54, 71, 83	0
44	L7	222/223 (99%)	-0.16	2 (0%) 81 65	35, 45, 70, 99	0
44	l7	223/223 (100%)	-0.11	0 100 100	35, 43, 74, 102	0
45	L8	233/233 (100%)	0.41	4 (1%) 69 50	65, 83, 108, 116	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
45	l8	231/233 (99%)	0.40	6 (2%) 57 38	72, 87, 109, 112	0
46	L9	191/191 (100%)	0.16	5 (2%) 57 38	57, 65, 74, 85	0
46	l9	191/191 (100%)	-0.19	1 (0%) 87 76	39, 48, 63, 72	0
47	M0	211/220 (95%)	0.11	3 (1%) 73 55	41, 54, 88, 102	0
47	m0	213/220 (96%)	0.10	5 (2%) 61 42	36, 50, 74, 87	0
48	M1	169/169 (100%)	0.21	4 (2%) 59 40	62, 77, 87, 93	0
48	m1	169/169 (100%)	-0.08	1 (0%) 85 73	45, 61, 68, 72	0
49	M3	193/194 (99%)	-0.01	2 (1%) 79 63	35, 58, 94, 119	0
49	m3	194/194 (100%)	0.13	3 (1%) 72 53	38, 67, 100, 109	0
50	M4	136/137 (99%)	-0.01	5 (3%) 45 31	50, 59, 70, 74	0
50	m4	137/137 (100%)	-0.15	2 (1%) 72 53	44, 50, 66, 72	0
51	M5	203/203 (100%)	0.15	3 (1%) 72 53	38, 55, 66, 68	0
51	m5	203/203 (100%)	0.24	3 (1%) 72 53	42, 61, 73, 76	0
52	M6	197/197 (100%)	0.04	4 (2%) 65 46	38, 45, 63, 65	0
52	m6	197/197 (100%)	-0.04	4 (2%) 65 46	31, 37, 63, 68	0
53	M7	183/183 (100%)	0.16	7 (3%) 44 30	41, 47, 96, 121	0
53	m7	155/183 (84%)	-0.18	1 (0%) 85 73	37, 42, 52, 70	0
54	M8	185/185 (100%)	-0.07	2 (1%) 78 60	37, 48, 61, 75	0
54	m8	185/185 (100%)	-0.04	1 (0%) 87 76	37, 52, 62, 69	0
55	M9	188/188 (100%)	0.40	9 (4%) 35 24	61, 73, 137, 144	0
55	m9	188/188 (100%)	0.15	5 (2%) 56 37	49, 63, 121, 132	0
56	N0	172/172 (100%)	0.21	6 (3%) 47 31	46, 54, 65, 73	0
56	n0	172/172 (100%)	-0.22	1 (0%) 85 73	38, 45, 55, 63	0
57	N1	159/159 (100%)	0.06	5 (3%) 51 35	37, 51, 92, 98	0
57	n1	159/159 (100%)	0.05	1 (0%) 85 73	36, 44, 78, 83	0
58	N2	100/100 (100%)	0.48	2 (2%) 65 46	92, 102, 107, 115	0
58	n2	98/100 (98%)	0.28	1 (1%) 79 63	74, 85, 91, 93	0
59	N3	136/136 (100%)	0.06	0 100 100	44, 54, 64, 69	0
59	n3	136/136 (100%)	-0.07	1 (0%) 84 70	31, 38, 47, 50	0
60	N4	98/135 (72%)	0.82	11 (11%) 10 9	55, 67, 134, 136	0
60	n4	135/135 (100%)	0.54	11 (8%) 18 13	39, 83, 109, 125	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
61	N5	121/121 (100%)	0.19	2 (1%) 69 50	57, 69, 85, 106	0
61	n5	120/121 (99%)	0.18	1 (0%) 82 68	56, 69, 87, 93	0
62	N6	126/126 (100%)	0.06	1 (0%) 82 68	44, 61, 70, 79	0
62	n6	126/126 (100%)	0.05	0 100 100	50, 66, 80, 83	0
63	N7	135/135 (100%)	0.37	2 (1%) 72 53	83, 96, 107, 111	0
63	n7	135/135 (100%)	0.38	0 100 100	82, 96, 113, 117	0
64	N8	148/148 (100%)	-0.13	1 (0%) 84 70	31, 49, 67, 75	0
64	n8	148/148 (100%)	0.01	1 (0%) 84 70	33, 54, 68, 71	0
65	N9	58/58 (100%)	0.08	1 (1%) 69 50	34, 54, 89, 101	0
65	n9	58/58 (100%)	0.21	3 (5%) 33 22	35, 52, 73, 77	0
66	O0	97/100 (97%)	0.28	4 (4%) 41 27	80, 88, 103, 106	0
66	o0	100/100 (100%)	0.24	1 (1%) 79 63	72, 83, 100, 103	0
67	O1	109/109 (100%)	0.35	2 (1%) 67 49	55, 65, 88, 92	0
67	o1	109/109 (100%)	-0.03	0 100 100	43, 53, 80, 96	0
68	O2	127/127 (100%)	-0.09	2 (1%) 70 52	33, 44, 55, 67	0
68	o2	127/127 (100%)	-0.10	0 100 100	34, 49, 59, 64	0
69	O3	106/106 (100%)	-0.04	0 100 100	37, 45, 66, 74	0
69	o3	106/106 (100%)	-0.11	0 100 100	36, 42, 64, 74	0
70	O4	112/112 (100%)	0.58	6 (5%) 31 21	54, 74, 103, 109	0
70	o4	112/112 (100%)	0.59	6 (5%) 31 21	51, 73, 105, 111	0
71	O5	119/119 (100%)	0.24	2 (1%) 69 50	55, 70, 77, 80	0
71	o5	119/119 (100%)	0.24	1 (0%) 82 68	63, 71, 86, 95	0
72	O6	99/99 (100%)	0.05	2 (2%) 65 46	55, 67, 92, 100	0
72	o6	99/99 (100%)	0.04	1 (1%) 79 63	61, 72, 86, 99	0
73	O7	87/87 (100%)	0.05	1 (1%) 78 60	41, 46, 67, 75	0
73	o7	87/87 (100%)	0.08	1 (1%) 78 60	37, 49, 77, 91	0
74	O8	77/77 (100%)	0.35	1 (1%) 75 56	82, 92, 103, 106	0
74	o8	77/77 (100%)	0.25	0 100 100	81, 89, 97, 99	0
75	O9	50/50 (100%)	0.19	0 100 100	47, 55, 57, 57	0
75	o9	50/50 (100%)	0.18	0 100 100	48, 55, 60, 62	0
76	Q0	52/52 (100%)	0.02	0 100 100	49, 53, 65, 70	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
76	q0	52/52 (100%)	-0.41	0 100 100	36, 40, 49, 54	0
77	Q1	25/25 (100%)	0.47	0 100 100	57, 62, 66, 66	0
77	q1	25/25 (100%)	-0.06	0 100 100	45, 47, 48, 50	0
78	Q2	105/105 (100%)	-0.11	0 100 100	41, 51, 72, 93	0
78	q2	105/105 (100%)	-0.18	0 100 100	42, 50, 64, 85	0
79	Q3	91/91 (100%)	0.18	3 (3%) 49 33	46, 59, 74, 81	0
79	q3	91/91 (100%)	0.11	1 (1%) 78 60	42, 55, 67, 73	0
80	6	1795/1800 (99%)	-0.23	23 (1%) 75 56	29, 75, 157, 226	1 (0%)
81	c0	84/96 (87%)	0.87	8 (9%) 14 11	94, 126, 139, 141	0
82	sM	63/104 (60%)	0.55	6 (9%) 14 11	47, 97, 105, 110	0
83	m2	0/150	-	-	-	-
84	p0	143/219 (65%)	0.59	10 (6%) 22 15	88, 109, 177, 181	0
85	p1	0/47	-	-	-	-
85	p2	0/47	-	-	-	-
86	A	2/3 (66%)	1.20	0 100 100	85, 85, 85, 89	0
86	B	2/3 (66%)	0.45	0 100 100	78, 78, 78, 83	0
All	All	33019/34173 (96%)	0.09	796 (2%) 59 40	29, 69, 125, 226	2 (0%)

The worst 5 of 796 RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
60	N4	86	SER	8.4
13	c1	3	THR	8.2
8	s6	162	VAL	6.6
53	M7	161	ALA	6.0
7	s5	37	GLN	6.0

5.2 Non-standard residues in protein, DNA, RNA chains [i](#)

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	8AN	A	3403	22/23	0.76	0.20	48,103,107,107	0
86	8AN	B	3403	22/23	0.81	0.18	42,97,101,102	0

5.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.4 Ligands ⓘ

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
88	MG	1	4344	1/1	-0.14	0.25	191,191,191,191	0
88	MG	6	2332	1/1	-0.13	0.23	213,213,213,213	0
88	MG	2	2198	1/1	-0.01	0.36	120,120,120,120	0
88	MG	2	2173	1/1	0.01	0.42	116,116,116,116	0
88	MG	2	2230	1/1	0.08	0.28	124,124,124,124	0
88	MG	1	4289	1/1	0.13	0.26	127,127,127,127	0
88	MG	5	4182	1/1	0.15	0.44	123,123,123,123	0
88	MG	2	2247	1/1	0.18	0.25	115,115,115,115	0
88	MG	5	4388	1/1	0.18	0.25	134,134,134,134	0
88	MG	6	2281	1/1	0.21	0.34	124,124,124,124	0
87	OHX	8	219	7/7	0.22	0.36	92,92,92,92	7
88	MG	2	2148	1/1	0.23	0.28	130,130,130,130	0
88	MG	1	4302	1/1	0.27	0.17	126,126,126,126	0
87	OHX	5	3802	7/7	0.31	0.47	76,76,76,76	7
88	MG	2	2156	1/1	0.32	0.43	86,86,86,86	0
88	MG	2	2224	1/1	0.33	0.40	99,99,99,99	0
88	MG	2	2204	1/1	0.33	0.31	106,106,106,106	0
88	MG	2	2147	1/1	0.35	0.28	100,100,100,100	0
88	MG	1	4461	1/1	0.35	0.34	109,109,109,109	0
87	OHX	m1	201	7/7	0.36	0.35	73,73,73,73	7
87	OHX	5	3716	7/7	0.37	0.43	73,73,73,73	7
87	OHX	5	3735	7/7	0.37	0.42	72,72,72,72	7
87	OHX	M0	303	7/7	0.39	0.41	96,96,96,96	7
88	MG	2	2162	1/1	0.39	0.60	85,85,85,85	0
87	OHX	6	2068	7/7	0.41	0.41	83,83,83,83	7
88	MG	5	4524	1/1	0.41	0.19	83,83,83,83	1
88	MG	5	4134	1/1	0.43	0.24	100,100,100,100	0
88	MG	1	4149	1/1	0.43	0.33	101,101,101,101	0
88	MG	6	2305	1/1	0.45	0.42	98,98,98,98	0
88	MG	E1	502	1/1	0.46	0.48	125,125,125,125	0
88	MG	1	4363	1/1	0.47	0.39	92,92,92,92	0
88	MG	6	2333	1/1	0.47	0.21	59,59,59,59	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4314	1/1	0.47	0.28	115,115,115,115	0
88	MG	2	2157	1/1	0.48	0.35	103,103,103,103	0
88	MG	2	2211	1/1	0.49	0.32	106,106,106,106	0
87	OHX	6	2089	7/7	0.50	0.49	74,74,74,74	7
88	MG	5	4419	1/1	0.50	0.15	59,59,59,59	0
88	MG	6	2169	1/1	0.50	0.31	85,85,85,85	0
88	MG	5	4565	1/1	0.50	0.15	117,117,117,117	0
88	MG	M1	201	1/1	0.51	0.13	73,73,73,73	0
87	OHX	2	2072	7/7	0.51	0.33	104,104,104,104	7
87	OHX	6	2093	7/7	0.52	0.32	83,83,83,83	7
88	MG	5	3907	1/1	0.52	0.24	53,53,53,53	1
87	OHX	5	3763	7/7	0.52	0.66	39,39,39,39	7
88	MG	1	4050	1/1	0.52	0.25	105,105,105,105	0
87	OHX	6	2064	7/7	0.53	0.51	68,68,68,68	7
88	MG	2	2137	1/1	0.53	0.27	126,126,126,126	0
87	OHX	2	2079	7/7	0.53	0.27	103,103,103,103	7
87	OHX	5	3758	7/7	0.53	0.46	53,53,53,53	7
88	MG	1	3855	1/1	0.54	0.31	89,89,89,89	0
88	MG	2	2191	1/1	0.54	0.37	99,99,99,99	0
87	OHX	5	3765	7/7	0.55	0.36	78,78,78,78	7
88	MG	1	4327	1/1	0.55	0.23	86,86,86,86	0
88	MG	6	2295	1/1	0.56	0.25	58,58,58,58	1
88	MG	6	2302	1/1	0.56	0.29	106,106,106,106	0
87	OHX	5	3781	7/7	0.56	0.66	53,53,53,53	7
88	MG	1	4205	1/1	0.56	0.21	67,67,67,67	1
88	MG	2	2252	1/1	0.57	0.14	126,126,126,126	0
87	OHX	5	3654	7/7	0.57	0.50	51,51,51,51	7
88	MG	p0	301	1/1	0.57	0.34	93,93,93,93	0
88	MG	2	2119	1/1	0.58	0.34	92,92,92,92	0
88	MG	2	2101	1/1	0.58	0.40	73,73,73,73	0
88	MG	6	2262	1/1	0.58	0.39	114,114,114,114	0
88	MG	1	4486	1/1	0.58	0.33	100,100,100,100	0
88	MG	5	4313	1/1	0.58	0.20	102,102,102,102	0
88	MG	5	4355	1/1	0.59	0.30	73,73,73,73	0
88	MG	6	2191	1/1	0.59	0.29	86,86,86,86	0
88	MG	D9	103	1/1	0.59	0.24	94,94,94,94	0
89	ZN	d7	101	1/1	0.59	0.16	135,135,135,135	0
87	OHX	6	2087	7/7	0.60	0.50	71,71,71,71	7
88	MG	5	4481	1/1	0.60	0.31	95,95,95,95	0
87	OHX	2	2060	7/7	0.60	0.27	98,98,98,98	7
88	MG	2	2149	1/1	0.60	0.30	92,92,92,92	0
88	MG	5	3885	1/1	0.60	0.19	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3796	7/7	0.60	0.33	87,87,87,87	7
87	OHX	5	3726	7/7	0.61	0.63	42,42,42,42	7
88	MG	2	2250	1/1	0.61	0.16	79,79,79,79	0
88	MG	1	4009	1/1	0.61	0.39	47,47,47,47	0
88	MG	2	2164	1/1	0.61	0.27	122,122,122,122	0
88	MG	d5	201	1/1	0.61	0.26	124,124,124,124	0
87	OHX	2	2029	7/7	0.61	0.35	95,95,95,95	7
88	MG	d9	104	1/1	0.62	0.25	109,109,109,109	0
88	MG	2	2142	1/1	0.62	0.39	61,61,61,61	0
87	OHX	5	3778	7/7	0.62	0.53	45,45,45,45	7
87	OHX	5	3737	7/7	0.62	0.62	53,53,53,53	7
88	MG	1	4083	1/1	0.62	0.34	101,101,101,101	0
88	MG	c9	203	1/1	0.62	0.35	87,87,87,87	0
87	OHX	1	3771	7/7	0.62	0.32	84,84,84,84	7
87	OHX	5	3772	7/7	0.63	0.36	80,80,80,80	7
88	MG	2	2212	1/1	0.63	0.28	86,86,86,86	0
88	MG	2	2217	1/1	0.63	0.26	103,103,103,103	0
88	MG	1	4177	1/1	0.63	0.29	75,75,75,75	0
88	MG	5	4452	1/1	0.63	0.26	100,100,100,100	0
87	OHX	6	2054	7/7	0.63	0.41	65,65,65,65	7
88	MG	1	4482	1/1	0.63	0.14	53,53,53,53	0
88	MG	5	4131	1/1	0.63	0.32	69,69,69,69	0
87	OHX	6	2095	7/7	0.63	0.48	73,73,73,73	7
88	MG	2	2169	1/1	0.63	0.18	101,101,101,101	0
87	OHX	5	3751	7/7	0.64	0.43	49,49,49,49	7
88	MG	2	2214	1/1	0.64	0.18	78,78,78,78	0
88	MG	5	4341	1/1	0.64	0.10	95,95,95,95	0
87	OHX	2	2030	7/7	0.64	0.21	112,112,112,112	7
88	MG	6	2164	1/1	0.64	0.35	87,87,87,87	0
88	MG	1	4477	1/1	0.64	0.13	82,82,82,82	0
88	MG	O4	201	1/1	0.65	0.36	77,77,77,77	0
88	MG	6	2108	1/1	0.65	0.28	98,98,98,98	0
88	MG	6	2154	1/1	0.65	0.29	76,76,76,76	0
88	MG	2	2242	1/1	0.65	0.24	85,85,85,85	0
88	MG	6	2166	1/1	0.65	0.26	88,88,88,88	0
87	OHX	5	3752	7/7	0.65	0.76	42,42,42,42	7
88	MG	5	4294	1/1	0.65	0.14	106,106,106,106	0
87	OHX	1	3733	7/7	0.65	0.50	42,42,42,42	7
87	OHX	1	3656	7/7	0.65	0.16	127,127,127,127	7
87	OHX	6	2036	7/7	0.66	0.40	48,48,48,48	7
88	MG	1	3896	1/1	0.66	0.24	104,104,104,104	0
88	MG	6	2203	1/1	0.66	0.19	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	2019	7/7	0.66	0.30	105,105,105,105	7
87	OHX	5	3779	7/7	0.66	0.35	56,56,56,56	7
88	MG	2	2150	1/1	0.66	0.16	74,74,74,74	0
88	MG	5	3882	1/1	0.66	0.27	97,97,97,97	0
87	OHX	6	2010	7/7	0.66	0.37	84,84,84,84	7
87	OHX	5	3809	7/7	0.67	0.13	173,173,173,173	7
88	MG	1	3912	1/1	0.67	0.24	86,86,86,86	0
88	MG	2	2216	1/1	0.67	0.29	69,69,69,69	0
88	MG	2	2143	1/1	0.67	0.24	91,91,91,91	0
88	MG	3	226	1/1	0.67	0.16	65,65,65,65	0
87	OHX	1	3680	7/7	0.67	0.34	81,81,81,81	7
87	OHX	1	3792	7/7	0.67	0.34	71,71,71,71	7
88	MG	2	2176	1/1	0.67	0.14	84,84,84,84	0
88	MG	5	3850	1/1	0.67	0.31	72,72,72,72	0
88	MG	2	2190	1/1	0.68	0.14	78,78,78,78	0
88	MG	1	3815	1/1	0.68	0.35	106,106,106,106	0
87	OHX	1	3699	7/7	0.68	0.28	101,101,101,101	7
88	MG	6	2202	1/1	0.68	0.24	81,81,81,81	0
88	MG	1	4502	1/1	0.68	0.21	94,94,94,94	0
88	MG	2	2090	1/1	0.68	0.30	83,83,83,83	0
87	OHX	6	2074	7/7	0.68	0.24	108,108,108,108	7
87	OHX	6	2081	7/7	0.68	0.34	91,91,91,91	7
87	OHX	O1	201	7/7	0.68	0.34	77,77,77,77	7
87	OHX	3	212	7/7	0.68	0.24	79,79,79,79	7
88	MG	2	2181	1/1	0.68	0.28	80,80,80,80	0
89	ZN	D7	101	1/1	0.68	0.19	147,147,147,147	0
88	MG	5	4199	1/1	0.68	0.17	36,36,36,36	1
88	MG	5	3901	1/1	0.69	0.20	71,71,71,71	0
87	OHX	6	2075	7/7	0.69	0.42	54,54,54,54	7
88	MG	6	2207	1/1	0.69	0.20	93,93,93,93	0
88	MG	2	2186	1/1	0.69	0.29	65,65,65,65	0
88	MG	6	2274	1/1	0.69	0.34	42,42,42,42	1
87	OHX	1	3798	7/7	0.69	0.37	63,63,63,63	7
88	MG	5	4238	1/1	0.69	0.26	44,44,44,44	0
88	MG	6	2184	1/1	0.69	0.17	69,69,69,69	0
87	OHX	1	3731	7/7	0.69	0.40	71,71,71,71	7
87	OHX	6	2096	7/7	0.69	0.33	78,78,78,78	7
88	MG	2	2105	1/1	0.70	0.37	72,72,72,72	0
88	MG	6	2278	1/1	0.70	0.12	83,83,83,83	0
87	OHX	5	3794	7/7	0.70	0.39	73,73,73,73	7
87	OHX	5	3764	7/7	0.70	0.43	47,47,47,47	7
88	MG	2	2255	1/1	0.70	0.22	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4100	1/1	0.70	0.19	45,45,45,45	1
87	OHX	o9	101	7/7	0.70	0.61	52,52,52,52	7
87	OHX	1	3693	7/7	0.70	0.12	169,169,169,169	7
88	MG	4	239	1/1	0.70	0.15	57,57,57,57	0
87	OHX	2	2053	7/7	0.70	0.32	80,80,80,80	7
88	MG	1	4174	1/1	0.70	0.14	93,93,93,93	0
88	MG	1	4368	1/1	0.70	0.18	76,76,76,76	0
87	OHX	5	3804	7/7	0.71	0.29	83,83,83,83	7
88	MG	1	4029	1/1	0.71	0.37	73,73,73,73	0
88	MG	2	2154	1/1	0.71	0.27	68,68,68,68	0
88	MG	6	2153	1/1	0.71	0.35	44,44,44,44	0
87	OHX	6	2042	7/7	0.71	0.47	54,54,54,54	7
88	MG	S4	302	1/1	0.71	0.19	87,87,87,87	0
88	MG	2	2098	1/1	0.71	0.28	80,80,80,80	0
87	OHX	6	2028	7/7	0.71	0.46	58,58,58,58	7
87	OHX	2	2075	7/7	0.71	0.35	87,87,87,87	7
88	MG	2	2192	1/1	0.71	0.33	64,64,64,64	0
88	MG	2	2165	1/1	0.71	0.13	98,98,98,98	0
87	OHX	m4	201	7/7	0.71	0.21	101,101,101,101	7
88	MG	5	4261	1/1	0.71	0.21	61,61,61,61	0
88	MG	1	3820	1/1	0.72	0.28	55,55,55,55	0
88	MG	1	3838	1/1	0.72	0.31	45,45,45,45	0
87	OHX	1	3768	7/7	0.72	0.42	61,61,61,61	7
88	MG	5	4321	1/1	0.72	0.15	74,74,74,74	0
87	OHX	5	3677	7/7	0.72	0.40	80,80,80,80	7
87	OHX	8	218	7/7	0.72	0.39	48,48,48,48	7
87	OHX	5	3684	7/7	0.72	0.53	37,37,37,37	7
87	OHX	5	3795	7/7	0.72	0.32	72,72,72,72	7
88	MG	2	2134	1/1	0.72	0.24	76,76,76,76	0
87	OHX	1	3802	7/7	0.72	0.41	54,54,54,54	7
88	MG	1	4138	1/1	0.72	0.16	45,45,45,45	1
87	OHX	n3	202	7/7	0.72	0.44	44,44,44,44	7
88	MG	6	2326	1/1	0.72	0.15	79,79,79,79	0
88	MG	1	4481	1/1	0.72	0.17	63,63,63,63	0
87	OHX	6	2077	7/7	0.72	0.26	85,85,85,85	7
87	OHX	6	2051	7/7	0.73	0.31	82,82,82,82	7
88	MG	2	2225	1/1	0.73	0.43	58,58,58,58	1
88	MG	1	4043	1/1	0.73	0.17	83,83,83,83	0
88	MG	6	2273	1/1	0.73	0.19	80,80,80,80	0
87	OHX	1	3750	7/7	0.73	0.18	99,99,99,99	7
87	OHX	8	217	7/7	0.73	0.31	82,82,82,82	7
88	MG	2	2140	1/1	0.73	0.49	81,81,81,81	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2063	7/7	0.73	0.36	77,77,77,77	7
87	OHX	1	3752	7/7	0.73	0.43	59,59,59,59	7
88	MG	M5	305	1/1	0.73	0.41	69,69,69,69	0
87	OHX	6	2066	7/7	0.73	0.37	70,70,70,70	7
87	OHX	1	3757	7/7	0.73	0.22	117,117,117,117	7
88	MG	6	2117	1/1	0.73	0.34	61,61,61,61	0
87	OHX	5	3744	7/7	0.73	0.46	54,54,54,54	7
87	OHX	5	3788	7/7	0.73	0.52	51,51,51,51	7
87	OHX	1	3679	7/7	0.73	0.40	61,61,61,61	7
87	OHX	1	3691	7/7	0.73	0.40	56,56,56,56	7
87	OHX	5	3670	7/7	0.73	0.43	39,39,39,39	7
88	MG	2	2161	1/1	0.73	0.27	63,63,63,63	0
87	OHX	5	3759	7/7	0.73	0.44	56,56,56,56	7
88	MG	2	2116	1/1	0.73	0.26	89,89,89,89	0
88	MG	2	2124	1/1	0.74	0.30	77,77,77,77	0
87	OHX	N8	201	7/7	0.74	0.23	94,94,94,94	7
87	OHX	1	3667	7/7	0.74	0.35	85,85,85,85	7
88	MG	6	2301	1/1	0.74	0.20	57,57,57,57	0
87	OHX	1	3807	7/7	0.74	0.24	89,89,89,89	7
87	OHX	5	3708	7/7	0.74	0.65	36,36,36,36	7
87	OHX	6	2094	7/7	0.74	0.22	102,102,102,102	7
88	MG	1	3852	1/1	0.74	0.41	63,63,63,63	0
87	OHX	6	2060	7/7	0.74	0.42	58,58,58,58	7
88	MG	5	4328	1/1	0.74	0.11	106,106,106,106	0
88	MG	1	4229	1/1	0.74	0.14	63,63,63,63	0
88	MG	1	4254	1/1	0.74	0.20	77,77,77,77	0
88	MG	2	2111	1/1	0.74	0.35	63,63,63,63	0
87	OHX	2	2081	7/7	0.74	0.15	120,120,120,120	7
88	MG	6	2216	1/1	0.74	0.19	86,86,86,86	0
88	MG	2	2254	1/1	0.74	0.13	97,97,97,97	0
88	MG	6	2272	1/1	0.74	0.30	98,98,98,98	0
87	OHX	2	2034	7/7	0.74	0.28	86,86,86,86	7
88	MG	5	4067	1/1	0.74	0.43	89,89,89,89	0
88	MG	Q2	503	1/1	0.74	0.32	62,62,62,62	0
88	MG	5	4117	1/1	0.74	0.21	52,52,52,52	0
88	MG	4	235	1/1	0.75	0.24	98,98,98,98	0
88	MG	2	2193	1/1	0.75	0.29	71,71,71,71	0
88	MG	5	4125	1/1	0.75	0.34	82,82,82,82	0
87	OHX	1	3725	7/7	0.75	0.39	57,57,57,57	7
87	OHX	1	3727	7/7	0.75	0.20	100,100,100,100	7
88	MG	5	4151	1/1	0.75	0.26	80,80,80,80	0
88	MG	1	3921	1/1	0.75	0.42	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2283	1/1	0.75	0.17	69,69,69,69	1
87	OHX	C3	201	7/7	0.75	0.29	99,99,99,99	7
88	MG	1	4324	1/1	0.75	0.18	70,70,70,70	0
87	OHX	5	3808	7/7	0.75	0.60	54,54,54,54	7
88	MG	1	4341	1/1	0.75	0.18	44,44,44,44	1
88	MG	2	2257	1/1	0.75	0.13	121,121,121,121	0
87	OHX	2	2084	7/7	0.75	0.13	183,183,183,183	7
88	MG	2	2178	1/1	0.75	0.25	79,79,79,79	0
87	OHX	5	3811	7/7	0.75	0.40	66,66,66,66	7
88	MG	1	4145	1/1	0.75	0.17	82,82,82,82	0
87	OHX	7	211	7/7	0.75	0.45	61,61,61,61	7
88	MG	sM	201	1/1	0.75	0.19	48,48,48,48	0
87	OHX	1	3700	7/7	0.75	0.40	55,55,55,55	7
87	OHX	5	3755	7/7	0.75	0.18	110,110,110,110	7
88	MG	1	4488	1/1	0.75	0.25	65,65,65,65	0
88	MG	5	4568	1/1	0.75	0.36	69,69,69,69	0
88	MG	8	230	1/1	0.75	0.17	72,72,72,72	0
88	MG	8	233	1/1	0.75	0.17	88,88,88,88	0
88	MG	12	305	1/1	0.75	0.11	71,71,71,71	0
88	MG	1	4193	1/1	0.75	0.23	56,56,56,56	0
88	MG	6	2251	1/1	0.75	0.29	74,74,74,74	0
88	MG	2	2163	1/1	0.75	0.31	70,70,70,70	0
88	MG	5	4270	1/1	0.76	0.12	46,46,46,46	0
87	OHX	2	2086	7/7	0.76	0.20	105,105,105,105	7
88	MG	2	2189	1/1	0.76	0.27	94,94,94,94	0
87	OHX	2	2066	7/7	0.76	0.39	80,80,80,80	7
87	OHX	1	3799	7/7	0.76	0.51	48,48,48,48	7
87	OHX	5	3741	7/7	0.76	0.64	37,37,37,37	7
87	OHX	6	2049	7/7	0.76	0.33	70,70,70,70	7
88	MG	1	4089	1/1	0.76	0.39	43,43,43,43	0
88	MG	5	3909	1/1	0.76	0.19	55,55,55,55	0
88	MG	1	4099	1/1	0.76	0.41	88,88,88,88	0
88	MG	6	2175	1/1	0.76	0.21	56,56,56,56	0
88	MG	6	2178	1/1	0.76	0.21	54,54,54,54	0
87	OHX	1	3738	7/7	0.76	0.55	41,41,41,41	7
88	MG	6	2304	1/1	0.76	0.33	52,52,52,52	1
88	MG	4	236	1/1	0.76	0.17	67,67,67,67	0
87	OHX	6	2052	7/7	0.76	0.13	127,127,127,127	7
88	MG	2	2125	1/1	0.76	0.27	85,85,85,85	0
88	MG	12	306	1/1	0.76	0.37	53,53,53,53	1
87	OHX	5	3754	7/7	0.76	0.38	42,42,42,42	7
87	OHX	2	2058	7/7	0.76	0.10	193,193,193,193	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2229	1/1	0.76	0.23	45,45,45,45	0
88	MG	1	4180	1/1	0.77	0.17	63,63,63,63	0
87	OHX	5	3814	7/7	0.77	0.42	63,63,63,63	7
88	MG	2	2188	1/1	0.77	0.09	84,84,84,84	0
87	OHX	1	3741	7/7	0.77	0.33	72,72,72,72	7
88	MG	5	4251	1/1	0.77	0.14	37,37,37,37	0
87	OHX	7	212	7/7	0.77	0.26	56,56,56,56	7
88	MG	s4	302	1/1	0.77	0.29	55,55,55,55	0
88	MG	c8	205	1/1	0.77	0.21	93,93,93,93	0
88	MG	2	2249	1/1	0.77	0.38	97,97,97,97	0
87	OHX	6	2012	7/7	0.77	0.28	64,64,64,64	7
87	OHX	1	3804	7/7	0.77	0.41	60,60,60,60	7
88	MG	6	2222	1/1	0.77	0.19	81,81,81,81	0
87	OHX	5	3699	7/7	0.77	0.21	86,86,86,86	7
87	OHX	19	201	7/7	0.77	0.33	62,62,62,62	7
87	OHX	1	3671	7/7	0.77	0.57	49,49,49,49	7
88	MG	S1	301	1/1	0.77	0.17	105,105,105,105	0
88	MG	5	3904	1/1	0.77	0.30	76,76,76,76	0
87	OHX	1	3791	7/7	0.77	0.28	79,79,79,79	7
88	MG	6	2129	1/1	0.77	0.29	59,59,59,59	0
88	MG	5	4063	1/1	0.77	0.14	54,54,54,54	0
88	MG	6	2139	1/1	0.77	0.39	63,63,63,63	0
87	OHX	1	3665	7/7	0.77	0.55	54,54,54,54	7
87	OHX	2	2078	7/7	0.77	0.25	102,102,102,102	7
87	OHX	1	3765	7/7	0.77	0.60	49,49,49,49	7
87	OHX	5	3644	7/7	0.77	0.28	69,69,69,69	7
88	MG	5	4133	1/1	0.77	0.33	63,63,63,63	0
87	OHX	6	2076	7/7	0.77	0.27	74,74,74,74	7
88	MG	5	4158	1/1	0.78	0.28	49,49,49,49	0
87	OHX	2	2063	7/7	0.78	0.33	81,81,81,81	7
87	OHX	5	3715	7/7	0.78	0.26	64,64,64,64	7
87	OHX	1	3766	7/7	0.78	0.17	141,141,141,141	7
88	MG	2	2139	1/1	0.78	0.40	70,70,70,70	0
87	OHX	6	2023	7/7	0.78	0.26	80,80,80,80	7
88	MG	1	4210	1/1	0.78	0.13	36,36,36,36	0
87	OHX	4	214	7/7	0.78	0.50	46,46,46,46	7
87	OHX	1	3702	7/7	0.78	0.34	60,60,60,60	7
88	MG	6	2234	1/1	0.78	0.17	79,79,79,79	0
88	MG	2	2232	1/1	0.78	0.14	90,90,90,90	0
88	MG	6	2256	1/1	0.78	0.28	73,73,73,73	0
88	MG	2	2093	1/1	0.78	0.41	74,74,74,74	0
88	MG	5	4372	1/1	0.78	0.21	72,72,72,72	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3672	7/7	0.78	0.37	42,42,42,42	7
87	OHX	1	3724	7/7	0.78	0.53	37,37,37,37	7
87	OHX	5	3682	7/7	0.78	0.37	56,56,56,56	7
88	MG	5	3942	1/1	0.78	0.33	33,33,33,33	0
88	MG	5	4490	1/1	0.78	0.19	69,69,69,69	0
88	MG	5	4512	1/1	0.78	0.40	62,62,62,62	1
87	OHX	8	215	7/7	0.78	0.43	48,48,48,48	7
88	MG	1	4072	1/1	0.78	0.27	76,76,76,76	0
88	MG	2	2114	1/1	0.78	0.53	79,79,79,79	0
88	MG	5	4572	1/1	0.78	0.12	53,53,53,53	0
88	MG	5	4103	1/1	0.78	0.28	59,59,59,59	0
87	OHX	1	3670	7/7	0.78	0.43	64,64,64,64	7
88	MG	1	4400	1/1	0.78	0.24	57,57,57,57	0
88	MG	2	2117	1/1	0.78	0.21	74,74,74,74	0
88	MG	2	2203	1/1	0.78	0.13	85,85,85,85	0
87	OHX	5	3692	7/7	0.78	0.31	49,49,49,49	7
87	OHX	6	1993	7/7	0.78	0.26	78,78,78,78	7
87	OHX	M9	203	7/7	0.79	0.18	78,78,78,78	7
88	MG	5	3977	1/1	0.79	0.32	50,50,50,50	0
88	MG	5	4011	1/1	0.79	0.39	38,38,38,38	0
87	OHX	1	3726	7/7	0.79	0.35	59,59,59,59	7
87	OHX	1	3779	7/7	0.79	0.48	48,48,48,48	7
88	MG	5	4095	1/1	0.79	0.27	61,61,61,61	0
87	OHX	1	3783	7/7	0.79	0.37	69,69,69,69	7
88	MG	6	2208	1/1	0.79	0.09	67,67,67,67	0
88	MG	6	2212	1/1	0.79	0.10	84,84,84,84	0
88	MG	1	4431	1/1	0.79	0.22	41,41,41,41	1
87	OHX	6	2097	7/7	0.79	0.41	70,70,70,70	7
88	MG	1	4464	1/1	0.79	0.10	70,70,70,70	1
88	MG	2	2126	1/1	0.79	0.38	69,69,69,69	0
88	MG	2	2244	1/1	0.79	0.21	78,78,78,78	0
88	MG	2	2175	1/1	0.79	0.29	87,87,87,87	0
88	MG	2	2128	1/1	0.79	0.46	60,60,60,60	0
88	MG	1	4122	1/1	0.79	0.10	66,66,66,66	0
87	OHX	5	3722	7/7	0.79	0.32	62,62,62,62	7
88	MG	5	4248	1/1	0.79	0.22	58,58,58,58	0
88	MG	2	2136	1/1	0.79	0.26	71,71,71,71	0
88	MG	3	229	1/1	0.79	0.48	52,52,52,52	1
88	MG	1	4147	1/1	0.79	0.19	50,50,50,50	0
87	OHX	5	3569	7/7	0.79	0.40	64,64,64,64	7
88	MG	1	4172	1/1	0.79	0.13	72,72,72,72	0
88	MG	L8	301	1/1	0.79	0.13	82,82,82,82	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3638	7/7	0.79	0.50	39,39,39,39	7
87	OHX	5	3793	7/7	0.79	0.51	42,42,42,42	7
88	MG	5	4342	1/1	0.79	0.36	68,68,68,68	1
88	MG	5	4345	1/1	0.79	0.11	41,41,41,41	1
88	MG	M9	204	1/1	0.79	0.12	70,70,70,70	0
88	MG	6	2306	1/1	0.79	0.17	79,79,79,79	0
88	MG	N6	201	1/1	0.79	0.24	63,63,63,63	0
87	OHX	1	3785	7/7	0.79	0.39	56,56,56,56	7
88	MG	O7	108	1/1	0.79	0.33	69,69,69,69	0
87	OHX	5	3651	7/7	0.79	0.31	47,47,47,47	7
88	MG	2	2146	1/1	0.79	0.27	86,86,86,86	0
88	MG	5	4509	1/1	0.79	0.12	97,97,97,97	0
88	MG	c9	201	1/1	0.79	0.14	78,78,78,78	0
87	OHX	2	1989	7/7	0.79	0.24	104,104,104,104	7
87	OHX	6	2056	7/7	0.79	0.14	97,97,97,97	7
88	MG	2	2096	1/1	0.79	0.40	61,61,61,61	0
88	MG	1	4258	1/1	0.79	0.14	74,74,74,74	0
88	MG	1	4278	1/1	0.79	0.14	47,47,47,47	1
87	OHX	2	2041	7/7	0.79	0.33	83,83,83,83	7
87	OHX	6	2085	7/7	0.79	0.13	128,128,128,128	7
87	OHX	6	2062	7/7	0.79	0.29	74,74,74,74	7
88	MG	1	3868	1/1	0.79	0.30	54,54,54,54	0
87	OHX	2	2049	7/7	0.79	0.29	84,84,84,84	7
87	OHX	5	3691	7/7	0.79	0.61	55,55,55,55	7
88	MG	1	4472	1/1	0.80	0.16	81,81,81,81	0
88	MG	6	2214	1/1	0.80	0.09	79,79,79,79	0
87	OHX	5	3700	7/7	0.80	0.30	67,67,67,67	7
87	OHX	5	3782	7/7	0.80	0.44	42,42,42,42	7
87	OHX	1	3721	7/7	0.80	0.28	68,68,68,68	7
87	OHX	1	3767	7/7	0.80	0.45	52,52,52,52	7
88	MG	6	2240	1/1	0.80	0.18	74,74,74,74	0
88	MG	6	2242	1/1	0.80	0.37	55,55,55,55	1
88	MG	5	4130	1/1	0.80	0.09	37,37,37,37	0
87	OHX	1	3735	7/7	0.80	0.45	52,52,52,52	7
88	MG	6	2255	1/1	0.80	0.32	54,54,54,54	0
88	MG	1	4127	1/1	0.80	0.23	63,63,63,63	0
88	MG	5	4150	1/1	0.80	0.18	44,44,44,44	0
87	OHX	1	3808	7/7	0.80	0.26	88,88,88,88	7
88	MG	1	4144	1/1	0.80	0.12	69,69,69,69	0
88	MG	5	4160	1/1	0.80	0.13	83,83,83,83	0
87	OHX	1	3810	7/7	0.80	0.14	149,149,149,149	7
87	OHX	1	3736	7/7	0.80	0.27	70,70,70,70	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	2080	7/7	0.80	0.60	66,66,66,66	7
87	OHX	5	3807	7/7	0.80	0.42	44,44,44,44	7
87	OHX	1	3781	7/7	0.80	0.68	47,47,47,47	7
87	OHX	5	3632	7/7	0.80	0.49	44,44,44,44	7
88	MG	6	2300	1/1	0.80	0.17	82,82,82,82	0
87	OHX	1	3703	7/7	0.80	0.21	106,106,106,106	7
88	MG	5	4304	1/1	0.80	0.21	58,58,58,58	0
88	MG	5	4306	1/1	0.80	0.08	50,50,50,50	0
88	MG	2	2182	1/1	0.80	0.38	87,87,87,87	0
88	MG	S4	301	1/1	0.80	0.30	76,76,76,76	0
88	MG	2	2185	1/1	0.80	0.38	74,74,74,74	0
87	OHX	1	3709	7/7	0.80	0.41	58,58,58,58	7
88	MG	6	2323	1/1	0.80	0.32	70,70,70,70	0
87	OHX	6	2065	7/7	0.80	0.14	129,129,129,129	7
88	MG	1	3811	1/1	0.80	0.29	44,44,44,44	0
87	OHX	1	3786	7/7	0.80	0.25	69,69,69,69	7
88	MG	5	4385	1/1	0.80	0.18	63,63,63,63	0
87	OHX	5	3756	7/7	0.80	0.21	89,89,89,89	7
88	MG	c8	204	1/1	0.80	0.22	81,81,81,81	0
88	MG	6	2143	1/1	0.80	0.44	86,86,86,86	0
87	OHX	1	3789	7/7	0.80	0.54	46,46,46,46	7
87	OHX	1	3717	7/7	0.80	0.25	96,96,96,96	7
87	OHX	1	3729	7/7	0.80	0.70	46,46,46,46	7
87	OHX	1	3794	7/7	0.80	0.25	93,93,93,93	7
88	MG	1	3885	1/1	0.80	0.28	37,37,37,37	0
88	MG	5	4537	1/1	0.80	0.10	56,56,56,56	0
88	MG	6	2171	1/1	0.80	0.18	79,79,79,79	0
87	OHX	m0	302	7/7	0.80	0.53	45,45,45,45	7
88	MG	1	4356	1/1	0.80	0.40	55,55,55,55	1
87	OHX	6	2024	7/7	0.80	0.24	86,86,86,86	7
87	OHX	1	3760	7/7	0.80	0.49	49,49,49,49	7
88	MG	5	3906	1/1	0.80	0.34	88,88,88,88	0
87	OHX	1	3718	7/7	0.80	0.34	69,69,69,69	7
87	OHX	6	2086	7/7	0.80	0.15	147,147,147,147	7
87	OHX	5	3780	7/7	0.80	0.56	55,55,55,55	7
88	MG	2	2155	1/1	0.80	0.32	60,60,60,60	0
88	MG	4	240	1/1	0.81	0.22	53,53,53,53	0
88	MG	1	4194	1/1	0.81	0.41	47,47,47,47	0
87	OHX	6	2079	7/7	0.81	0.32	60,60,60,60	7
87	OHX	5	3701	7/7	0.81	0.43	46,46,46,46	7
88	MG	1	4220	1/1	0.81	0.20	74,74,74,74	0
88	MG	1	4222	1/1	0.81	0.20	72,72,72,72	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4136	1/1	0.81	0.23	82,82,82,82	0
88	MG	1	4225	1/1	0.81	0.22	64,64,64,64	0
88	MG	6	2287	1/1	0.81	0.26	62,62,62,62	0
87	OHX	m5	502	7/7	0.81	0.41	78,78,78,78	7
87	OHX	1	3734	7/7	0.81	0.29	68,68,68,68	7
88	MG	5	4181	1/1	0.81	0.13	50,50,50,50	0
88	MG	1	3919	1/1	0.81	0.31	75,75,75,75	0
87	OHX	1	3751	7/7	0.81	0.30	79,79,79,79	7
88	MG	1	3935	1/1	0.81	0.38	37,37,37,37	0
88	MG	1	3996	1/1	0.81	0.18	39,39,39,39	0
87	OHX	4	216	7/7	0.81	0.29	73,73,73,73	7
88	MG	6	2320	1/1	0.81	0.13	62,62,62,62	0
87	OHX	1	3659	7/7	0.81	0.47	48,48,48,48	7
88	MG	6	2325	1/1	0.81	0.18	59,59,59,59	0
88	MG	1	4042	1/1	0.81	0.17	59,59,59,59	0
88	MG	6	2156	1/1	0.81	0.57	66,66,66,66	0
88	MG	2	2145	1/1	0.81	0.43	97,97,97,97	0
88	MG	2	2251	1/1	0.81	0.14	59,59,59,59	1
88	MG	1	4063	1/1	0.81	0.34	71,71,71,71	0
88	MG	1	4064	1/1	0.81	0.17	62,62,62,62	0
88	MG	2	2095	1/1	0.81	0.27	63,63,63,63	0
87	OHX	1	3770	7/7	0.81	0.35	53,53,53,53	7
87	OHX	5	3766	7/7	0.81	0.26	96,96,96,96	7
88	MG	1	4436	1/1	0.81	0.14	43,43,43,43	0
88	MG	2	2099	1/1	0.81	0.32	63,63,63,63	0
87	OHX	S8	301	7/7	0.81	0.19	108,108,108,108	7
88	MG	5	4409	1/1	0.81	0.08	72,72,72,72	0
88	MG	5	3856	1/1	0.81	0.24	39,39,39,39	0
88	MG	5	4424	1/1	0.81	0.12	69,69,69,69	0
88	MG	1	4124	1/1	0.81	0.20	55,55,55,55	0
87	OHX	2	2045	7/7	0.81	0.30	73,73,73,73	7
88	MG	5	3891	1/1	0.81	0.21	59,59,59,59	0
87	OHX	2	2083	7/7	0.81	0.19	106,106,106,106	7
87	OHX	5	3742	7/7	0.81	0.12	149,149,149,149	7
87	OHX	6	2003	7/7	0.81	0.33	61,61,61,61	7
87	OHX	6	2007	7/7	0.81	0.28	62,62,62,62	7
87	OHX	5	3785	7/7	0.81	0.17	90,90,90,90	7
88	MG	6	2233	1/1	0.81	0.36	83,83,83,83	0
87	OHX	5	3786	7/7	0.81	0.58	40,40,40,40	7
87	OHX	8	220	7/7	0.81	0.28	77,77,77,77	7
88	MG	4	220	1/1	0.81	0.37	65,65,65,65	0
88	MG	6	2248	1/1	0.81	0.37	53,53,53,53	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4094	1/1	0.81	0.23	50,50,50,50	0
88	MG	n0	201	1/1	0.81	0.39	49,49,49,49	1
87	OHX	c3	201	7/7	0.81	0.28	79,79,79,79	7
88	MG	1	3853	1/1	0.81	0.19	51,51,51,51	0
87	OHX	3	209	7/7	0.81	0.31	82,82,82,82	7
88	MG	6	2217	1/1	0.82	0.11	66,66,66,66	0
87	OHX	6	2078	7/7	0.82	0.23	93,93,93,93	7
88	MG	1	4463	1/1	0.82	0.24	58,58,58,58	0
88	MG	2	2122	1/1	0.82	0.41	68,68,68,68	0
88	MG	1	4465	1/1	0.82	0.12	55,55,55,55	0
87	OHX	1	3777	7/7	0.82	0.23	63,63,63,63	7
87	OHX	6	2080	7/7	0.82	0.18	126,126,126,126	7
88	MG	1	4117	1/1	0.82	0.17	37,37,37,37	0
88	MG	2	2179	1/1	0.82	0.25	85,85,85,85	0
87	OHX	1	3778	7/7	0.82	0.36	55,55,55,55	7
87	OHX	5	3688	7/7	0.82	0.51	38,38,38,38	7
88	MG	6	2260	1/1	0.82	0.21	55,55,55,55	0
87	OHX	6	1989	7/7	0.82	0.29	84,84,84,84	7
88	MG	6	2268	1/1	0.82	0.40	84,84,84,84	0
88	MG	1	4143	1/1	0.82	0.24	48,48,48,48	0
87	OHX	6	2053	7/7	0.82	0.23	85,85,85,85	7
87	OHX	1	3755	7/7	0.82	0.35	45,45,45,45	7
87	OHX	2	2046	7/7	0.82	0.15	114,114,114,114	7
87	OHX	6	2092	7/7	0.82	0.20	104,104,104,104	7
88	MG	1	4169	1/1	0.82	0.40	52,52,52,52	0
87	OHX	6	2059	7/7	0.82	0.20	104,104,104,104	7
87	OHX	2	2055	7/7	0.82	0.34	72,72,72,72	7
88	MG	1	3834	1/1	0.82	0.23	59,59,59,59	0
88	MG	1	3835	1/1	0.82	0.29	46,46,46,46	0
87	OHX	1	3762	7/7	0.82	0.54	59,59,59,59	7
87	OHX	2	2077	7/7	0.82	0.17	139,139,139,139	7
87	OHX	5	3723	7/7	0.82	0.47	53,53,53,53	7
88	MG	O7	104	1/1	0.82	0.24	81,81,81,81	0
87	OHX	6	2018	7/7	0.82	0.42	54,54,54,54	7
88	MG	2	2209	1/1	0.82	0.23	71,71,71,71	0
88	MG	5	4318	1/1	0.82	0.10	62,62,62,62	0
87	OHX	1	3744	7/7	0.82	0.28	89,89,89,89	7
88	MG	5	4323	1/1	0.82	0.38	82,82,82,82	0
88	MG	1	3890	1/1	0.82	0.29	53,53,53,53	0
87	OHX	1	3745	7/7	0.82	0.38	62,62,62,62	7
88	MG	1	4240	1/1	0.82	0.15	72,72,72,72	0
88	MG	1	3899	1/1	0.82	0.29	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	c6	201	1/1	0.82	0.25	97,97,97,97	0
87	OHX	5	3629	7/7	0.82	0.34	43,43,43,43	7
88	MG	1	3913	1/1	0.82	0.19	49,49,49,49	0
87	OHX	2	2065	7/7	0.82	0.20	110,110,110,110	7
87	OHX	6	2073	7/7	0.82	0.31	64,64,64,64	7
88	MG	2	2102	1/1	0.82	0.29	84,84,84,84	0
88	MG	1	3970	1/1	0.82	0.22	54,54,54,54	0
87	OHX	5	3640	7/7	0.82	0.35	47,47,47,47	7
88	MG	5	4460	1/1	0.82	0.16	66,66,66,66	0
88	MG	5	3842	1/1	0.82	0.16	43,43,43,43	0
88	MG	2	2229	1/1	0.82	0.18	84,84,84,84	0
88	MG	1	4020	1/1	0.82	0.27	37,37,37,37	0
88	MG	1	4345	1/1	0.82	0.10	69,69,69,69	0
88	MG	1	4352	1/1	0.82	0.11	88,88,88,88	0
88	MG	6	2192	1/1	0.82	0.35	75,75,75,75	0
88	MG	1	4355	1/1	0.82	0.16	51,51,51,51	1
88	MG	2	2109	1/1	0.82	0.37	73,73,73,73	0
87	OHX	6	2034	7/7	0.82	0.10	134,134,134,134	7
87	OHX	1	3661	7/7	0.82	0.38	59,59,59,59	7
87	OHX	2	2039	7/7	0.82	0.23	103,103,103,103	7
88	MG	5	3931	1/1	0.82	0.24	54,54,54,54	0
87	OHX	6	2044	7/7	0.82	0.24	78,78,78,78	7
88	MG	15	304	1/1	0.82	0.21	61,61,61,61	0
88	MG	5	3943	1/1	0.82	0.25	43,43,43,43	0
88	MG	5	3961	1/1	0.82	0.16	55,55,55,55	0
88	MG	2	2170	1/1	0.82	0.17	78,78,78,78	0
88	MG	5	3978	1/1	0.82	0.33	57,57,57,57	0
88	MG	1	3875	1/1	0.83	0.24	61,61,61,61	0
88	MG	2	2159	1/1	0.83	0.23	75,75,75,75	0
87	OHX	6	2022	7/7	0.83	0.14	139,139,139,139	7
88	MG	6	2258	1/1	0.83	0.25	84,84,84,84	0
88	MG	1	3895	1/1	0.83	0.17	40,40,40,40	0
88	MG	2	2218	1/1	0.83	0.14	82,82,82,82	0
87	OHX	5	3680	7/7	0.83	0.41	43,43,43,43	7
88	MG	4	244	1/1	0.83	0.14	95,95,95,95	0
87	OHX	2	2061	7/7	0.83	0.26	78,78,78,78	7
87	OHX	4	215	7/7	0.83	0.27	74,74,74,74	7
88	MG	1	3917	1/1	0.83	0.33	37,37,37,37	0
87	OHX	2	2027	7/7	0.83	0.18	111,111,111,111	7
87	OHX	1	3773	7/7	0.83	0.30	68,68,68,68	7
87	OHX	6	2070	7/7	0.83	0.28	71,71,71,71	7
88	MG	1	3955	1/1	0.83	0.23	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3774	7/7	0.83	0.36	56,56,56,56	7
88	MG	2	2245	1/1	0.83	0.17	71,71,71,71	0
88	MG	6	2105	1/1	0.83	0.28	49,49,49,49	0
87	OHX	2	2052	7/7	0.83	0.10	189,189,189,189	7
88	MG	5	4207	1/1	0.83	0.20	46,46,46,46	0
88	MG	5	4222	1/1	0.83	0.12	36,36,36,36	0
88	MG	5	4226	1/1	0.83	0.15	55,55,55,55	0
87	OHX	2	2047	7/7	0.83	0.20	106,106,106,106	7
88	MG	6	2128	1/1	0.83	0.21	68,68,68,68	0
88	MG	1	4028	1/1	0.83	0.29	49,49,49,49	0
88	MG	6	2138	1/1	0.83	0.12	73,73,73,73	0
87	OHX	5	3620	7/7	0.83	0.24	51,51,51,51	7
87	OHX	5	3710	7/7	0.83	0.29	82,82,82,82	7
87	OHX	5	3711	7/7	0.83	0.31	69,69,69,69	7
88	MG	2	2253	1/1	0.83	0.26	76,76,76,76	0
88	MG	6	2155	1/1	0.83	0.23	72,72,72,72	0
88	MG	1	4346	1/1	0.83	0.18	40,40,40,40	1
87	OHX	2	2067	7/7	0.83	0.27	92,92,92,92	7
87	OHX	2	2069	7/7	0.83	0.28	78,78,78,78	7
87	OHX	1	3600	7/7	0.83	0.32	62,62,62,62	7
88	MG	5	4336	1/1	0.83	0.32	34,34,34,34	0
88	MG	1	4361	1/1	0.83	0.33	38,38,38,38	1
87	OHX	1	3809	7/7	0.83	0.57	60,60,60,60	7
87	OHX	m9	201	7/7	0.83	0.22	70,70,70,70	7
87	OHX	1	3706	7/7	0.83	0.41	55,55,55,55	7
87	OHX	1	3748	7/7	0.83	0.09	180,180,180,180	7
87	OHX	5	3736	7/7	0.83	0.32	62,62,62,62	7
88	MG	6	2200	1/1	0.83	0.21	74,74,74,74	0
88	MG	5	4396	1/1	0.83	0.14	43,43,43,43	1
88	MG	5	3872	1/1	0.83	0.24	33,33,33,33	0
88	MG	5	4414	1/1	0.83	0.22	64,64,64,64	0
87	OHX	6	2013	7/7	0.83	0.27	82,82,82,82	7
88	MG	1	4126	1/1	0.83	0.32	58,58,58,58	0
88	MG	6	2205	1/1	0.83	0.21	84,84,84,84	0
88	MG	2	2194	1/1	0.83	0.26	72,72,72,72	0
88	MG	2	2197	1/1	0.83	0.31	76,76,76,76	0
88	MG	2	2094	1/1	0.83	0.33	62,62,62,62	0
88	MG	1	4473	1/1	0.83	0.14	47,47,47,47	0
87	OHX	5	3668	7/7	0.83	0.29	71,71,71,71	7
88	MG	5	3917	1/1	0.83	0.10	51,51,51,51	0
88	MG	5	3922	1/1	0.83	0.25	65,65,65,65	0
87	OHX	6	2015	7/7	0.83	0.38	65,65,65,65	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3602	7/7	0.83	0.27	68,68,68,68	7
87	OHX	5	3746	7/7	0.83	0.12	131,131,131,131	7
88	MG	7	221	1/1	0.83	0.13	61,61,61,61	0
88	MG	7	224	1/1	0.83	0.20	39,39,39,39	0
88	MG	5	3954	1/1	0.83	0.59	61,61,61,61	0
87	OHX	5	3747	7/7	0.83	0.35	61,61,61,61	7
88	MG	5	3967	1/1	0.83	0.30	27,27,27,27	0
88	MG	5	3972	1/1	0.83	0.25	41,41,41,41	0
88	MG	1	4490	1/1	0.83	0.25	58,58,58,58	0
88	MG	l5	306	1/1	0.83	0.11	54,54,54,54	0
88	MG	m6	203	1/1	0.83	0.15	41,41,41,41	1
88	MG	1	4499	1/1	0.83	0.15	47,47,47,47	0
88	MG	n6	201	1/1	0.83	0.17	54,54,54,54	0
88	MG	1	3864	1/1	0.83	0.23	70,70,70,70	0
88	MG	5	4051	1/1	0.83	0.13	33,33,33,33	0
87	OHX	5	3806	7/7	0.83	0.31	63,63,63,63	7
88	MG	4	237	1/1	0.84	0.13	59,59,59,59	0
87	OHX	M0	302	7/7	0.84	0.38	48,48,48,48	7
88	MG	1	3947	1/1	0.84	0.38	35,35,35,35	0
87	OHX	5	3738	7/7	0.84	0.35	49,49,49,49	7
88	MG	1	3960	1/1	0.84	0.23	51,51,51,51	0
88	MG	1	3966	1/1	0.84	0.31	66,66,66,66	0
87	OHX	5	3740	7/7	0.84	0.33	56,56,56,56	7
87	OHX	1	3759	7/7	0.84	0.30	64,64,64,64	7
88	MG	1	4002	1/1	0.84	0.23	39,39,39,39	0
87	OHX	2	2042	7/7	0.84	0.16	113,113,113,113	7
88	MG	1	4019	1/1	0.84	0.25	45,45,45,45	0
87	OHX	1	3761	7/7	0.84	0.23	93,93,93,93	7
87	OHX	2	2070	7/7	0.84	0.37	78,78,78,78	7
88	MG	5	4187	1/1	0.84	0.22	44,44,44,44	1
88	MG	6	2099	1/1	0.84	0.41	43,43,43,43	0
88	MG	6	2102	1/1	0.84	0.15	81,81,81,81	0
88	MG	5	4221	1/1	0.84	0.32	71,71,71,71	0
87	OHX	6	2029	7/7	0.84	0.30	82,82,82,82	7
88	MG	1	4039	1/1	0.84	0.15	66,66,66,66	0
88	MG	6	2109	1/1	0.84	0.22	47,47,47,47	0
88	MG	6	2312	1/1	0.84	0.18	75,75,75,75	0
87	OHX	6	1984	7/7	0.84	0.21	82,82,82,82	7
88	MG	6	2121	1/1	0.84	0.28	61,61,61,61	0
88	MG	6	2124	1/1	0.84	0.42	71,71,71,71	0
88	MG	6	2125	1/1	0.84	0.36	40,40,40,40	0
87	OHX	2	2064	7/7	0.84	0.10	130,130,130,130	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	2100	1/1	0.84	0.35	66,66,66,66	0
88	MG	5	4307	1/1	0.84	0.16	37,37,37,37	1
88	MG	6	2137	1/1	0.84	0.14	83,83,83,83	0
87	OHX	6	2037	7/7	0.84	0.26	75,75,75,75	7
88	MG	1	3817	1/1	0.84	0.22	55,55,55,55	0
88	MG	2	2205	1/1	0.84	0.24	76,76,76,76	0
88	MG	1	3830	1/1	0.84	0.38	71,71,71,71	0
88	MG	5	4331	1/1	0.84	0.10	35,35,35,35	0
87	OHX	6	2041	7/7	0.84	0.28	62,62,62,62	7
87	OHX	5	3698	7/7	0.84	0.18	86,86,86,86	7
88	MG	1	4369	1/1	0.84	0.21	69,69,69,69	0
88	MG	6	2161	1/1	0.84	0.29	59,59,59,59	0
88	MG	5	3834	1/1	0.84	0.28	40,40,40,40	0
88	MG	2	2158	1/1	0.84	0.30	68,68,68,68	0
88	MG	1	4424	1/1	0.84	0.37	67,67,67,67	0
88	MG	1	4430	1/1	0.84	0.28	38,38,38,38	1
87	OHX	2	2044	7/7	0.84	0.14	134,134,134,134	7
87	OHX	5	3610	7/7	0.84	0.39	60,60,60,60	7
87	OHX	5	3611	7/7	0.84	0.27	51,51,51,51	7
87	OHX	1	3677	7/7	0.84	0.34	56,56,56,56	7
88	MG	1	4129	1/1	0.84	0.12	83,83,83,83	0
88	MG	1	3866	1/1	0.84	0.24	34,34,34,34	0
87	OHX	5	3625	7/7	0.84	0.27	67,67,67,67	7
87	OHX	6	2048	7/7	0.84	0.43	51,51,51,51	7
87	OHX	5	3631	7/7	0.84	0.20	81,81,81,81	7
87	OHX	1	3652	7/7	0.84	0.32	69,69,69,69	7
87	OHX	8	221	7/7	0.84	0.26	74,74,74,74	7
87	OHX	6	2008	7/7	0.84	0.25	82,82,82,82	7
88	MG	5	4535	1/1	0.84	0.17	56,56,56,56	0
88	MG	6	2210	1/1	0.84	0.34	79,79,79,79	0
88	MG	5	4545	1/1	0.84	0.22	77,77,77,77	0
87	OHX	1	3714	7/7	0.84	0.30	73,73,73,73	7
88	MG	1	3904	1/1	0.84	0.28	43,43,43,43	0
88	MG	2	2130	1/1	0.84	0.27	75,75,75,75	0
87	OHX	2	2018	7/7	0.84	0.23	102,102,102,102	7
88	MG	3	214	1/1	0.84	0.19	46,46,46,46	0
88	MG	3	220	1/1	0.84	0.23	55,55,55,55	0
88	MG	2	2135	1/1	0.84	0.18	72,72,72,72	0
88	MG	8	239	1/1	0.84	0.31	71,71,71,71	0
87	OHX	2	2020	7/7	0.84	0.22	84,84,84,84	7
88	MG	5	4021	1/1	0.84	0.49	32,32,32,32	0
88	MG	3	230	1/1	0.84	0.22	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	l5	305	1/1	0.84	0.14	62,62,62,62	0
88	MG	1	4203	1/1	0.84	0.14	58,58,58,58	0
88	MG	4	226	1/1	0.84	0.20	58,58,58,58	0
88	MG	5	4084	1/1	0.84	0.19	42,42,42,42	1
88	MG	6	2249	1/1	0.84	0.09	53,53,53,53	0
88	MG	4	227	1/1	0.84	0.10	58,58,58,58	0
87	OHX	2	2089	7/7	0.84	0.18	121,121,121,121	7
88	MG	1	3923	1/1	0.84	0.29	40,40,40,40	0
87	OHX	6	2055	7/7	0.85	0.37	59,59,59,59	7
88	MG	6	2279	1/1	0.85	0.16	80,80,80,80	0
87	OHX	1	3754	7/7	0.85	0.34	55,55,55,55	7
87	OHX	1	3803	7/7	0.85	0.14	112,112,112,112	7
88	MG	2	2177	1/1	0.85	0.28	69,69,69,69	0
87	OHX	1	3610	7/7	0.85	0.39	53,53,53,53	7
87	OHX	5	3724	7/7	0.85	0.35	57,57,57,57	7
87	OHX	5	3805	7/7	0.85	0.22	86,86,86,86	7
88	MG	5	4172	1/1	0.85	0.19	45,45,45,45	0
87	OHX	1	3769	7/7	0.85	0.22	71,71,71,71	7
88	MG	1	4135	1/1	0.85	0.34	44,44,44,44	0
87	OHX	6	2014	7/7	0.85	0.31	74,74,74,74	7
88	MG	5	4192	1/1	0.85	0.13	52,52,52,52	0
88	MG	6	2131	1/1	0.85	0.36	53,53,53,53	0
88	MG	6	2132	1/1	0.85	0.28	69,69,69,69	0
87	OHX	5	3686	7/7	0.85	0.25	90,90,90,90	7
88	MG	1	4444	1/1	0.85	0.49	37,37,37,37	1
88	MG	2	2144	1/1	0.85	0.17	66,66,66,66	0
88	MG	6	2142	1/1	0.85	0.19	73,73,73,73	0
88	MG	2	2097	1/1	0.85	0.22	82,82,82,82	0
87	OHX	6	2043	7/7	0.85	0.22	86,86,86,86	7
88	MG	1	3933	1/1	0.85	0.26	33,33,33,33	0
88	MG	s6	302	1/1	0.85	0.31	75,75,75,75	0
88	MG	5	4285	1/1	0.85	0.43	57,57,57,57	1
88	MG	5	4286	1/1	0.85	0.10	72,72,72,72	0
88	MG	1	4168	1/1	0.85	0.27	53,53,53,53	0
87	OHX	5	3769	7/7	0.85	0.10	145,145,145,145	7
88	MG	1	3942	1/1	0.85	0.39	39,39,39,39	0
88	MG	1	4480	1/1	0.85	0.18	49,49,49,49	1
88	MG	c9	202	1/1	0.85	0.22	80,80,80,80	0
87	OHX	5	3813	7/7	0.85	0.21	85,85,85,85	7
88	MG	d4	201	1/1	0.85	0.26	68,68,68,68	0
87	OHX	1	3743	7/7	0.85	0.45	46,46,46,46	7
87	OHX	5	3776	7/7	0.85	0.16	110,110,110,110	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	2104	1/1	0.85	0.29	70,70,70,70	0
88	MG	6	2176	1/1	0.85	0.15	73,73,73,73	0
88	MG	1	4489	1/1	0.85	0.16	46,46,46,46	0
88	MG	1	3968	1/1	0.85	0.26	41,41,41,41	0
88	MG	1	4497	1/1	0.85	0.14	66,66,66,66	0
87	OHX	5	3777	7/7	0.85	0.33	53,53,53,53	7
88	MG	1	3972	1/1	0.85	0.34	44,44,44,44	0
88	MG	3	213	1/1	0.85	0.19	78,78,78,78	0
88	MG	1	3981	1/1	0.85	0.44	28,28,28,28	0
88	MG	6	2204	1/1	0.85	0.13	47,47,47,47	0
87	OHX	8	213	7/7	0.85	0.18	77,77,77,77	7
87	OHX	6	2045	7/7	0.85	0.26	61,61,61,61	7
87	OHX	2	2005	7/7	0.85	0.24	86,86,86,86	7
88	MG	1	4228	1/1	0.85	0.32	61,61,61,61	0
88	MG	1	4012	1/1	0.85	0.24	38,38,38,38	0
87	OHX	1	3556	7/7	0.85	0.26	72,72,72,72	7
88	MG	5	4477	1/1	0.85	0.13	44,44,44,44	1
87	OHX	2	2016	7/7	0.85	0.21	101,101,101,101	7
87	OHX	5	3745	7/7	0.85	0.54	39,39,39,39	7
88	MG	6	2218	1/1	0.85	0.06	81,81,81,81	0
88	MG	5	3944	1/1	0.85	0.31	24,24,24,24	0
87	OHX	1	3697	7/7	0.85	0.23	68,68,68,68	7
88	MG	5	4525	1/1	0.85	0.35	37,37,37,37	1
87	OHX	1	3712	7/7	0.85	0.39	61,61,61,61	7
88	MG	1	4291	1/1	0.85	0.49	41,41,41,41	1
88	MG	1	4293	1/1	0.85	0.17	46,46,46,46	0
88	MG	5	4552	1/1	0.85	0.16	43,43,43,43	0
88	MG	5	3973	1/1	0.85	0.35	55,55,55,55	0
88	MG	1	4300	1/1	0.85	0.18	44,44,44,44	1
87	OHX	5	3660	7/7	0.85	0.29	63,63,63,63	7
88	MG	2	2168	1/1	0.85	0.45	68,68,68,68	0
88	MG	1	4048	1/1	0.85	0.29	49,49,49,49	0
88	MG	5	4035	1/1	0.85	0.21	57,57,57,57	0
88	MG	M7	211	1/1	0.85	0.18	75,75,75,75	0
88	MG	8	237	1/1	0.85	0.10	71,71,71,71	0
88	MG	5	4054	1/1	0.85	0.18	37,37,37,37	0
88	MG	8	240	1/1	0.85	0.13	72,72,72,72	0
88	MG	2	2219	1/1	0.85	0.22	62,62,62,62	0
88	MG	N3	202	1/1	0.85	0.15	67,67,67,67	0
88	MG	1	4062	1/1	0.85	0.26	55,55,55,55	0
88	MG	5	4091	1/1	0.85	0.23	60,60,60,60	0
88	MG	O3	203	1/1	0.85	0.25	47,47,47,47	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4343	1/1	0.85	0.10	41,41,41,41	1
88	MG	1	3860	1/1	0.85	0.41	55,55,55,55	0
87	OHX	5	3789	7/7	0.85	0.37	58,58,58,58	7
88	MG	n8	201	1/1	0.85	0.22	33,33,33,33	0
87	OHX	2	2071	7/7	0.85	0.20	94,94,94,94	7
88	MG	2	2171	1/1	0.85	0.17	90,90,90,90	0
88	MG	6	2275	1/1	0.85	0.24	67,67,67,67	1
90	PRO	A	3501	7/8	0.85	0.25	75,75,75,75	0
87	OHX	1	3758	7/7	0.86	0.17	63,63,63,63	7
87	OHX	6	2017	7/7	0.86	0.29	50,50,50,50	7
88	MG	1	4292	1/1	0.86	0.24	72,72,72,72	0
87	OHX	3	211	7/7	0.86	0.23	81,81,81,81	7
87	OHX	5	3695	7/7	0.86	0.34	39,39,39,39	7
87	OHX	8	216	7/7	0.86	0.23	67,67,67,67	7
88	MG	2	2132	1/1	0.86	0.22	70,70,70,70	0
88	MG	1	4318	1/1	0.86	0.09	65,65,65,65	0
88	MG	5	4163	1/1	0.86	0.38	39,39,39,39	0
88	MG	5	4169	1/1	0.86	0.27	82,82,82,82	0
88	MG	1	4323	1/1	0.86	0.27	51,51,51,51	0
87	OHX	sR	401	7/7	0.86	0.15	122,122,122,122	7
87	OHX	2	1981	7/7	0.86	0.24	106,106,106,106	7
87	OHX	5	3581	7/7	0.86	0.42	44,44,44,44	7
88	MG	6	2106	1/1	0.86	0.23	68,68,68,68	0
88	MG	1	4046	1/1	0.86	0.16	35,35,35,35	0
87	OHX	5	3601	7/7	0.86	0.35	44,44,44,44	7
88	MG	6	2116	1/1	0.86	0.22	61,61,61,61	0
88	MG	2	2138	1/1	0.86	0.12	76,76,76,76	0
88	MG	1	4054	1/1	0.86	0.08	44,44,44,44	0
88	MG	6	2123	1/1	0.86	0.28	67,67,67,67	0
88	MG	5	4239	1/1	0.86	0.20	58,58,58,58	0
87	OHX	5	3705	7/7	0.86	0.58	41,41,41,41	7
88	MG	2	2196	1/1	0.86	0.17	82,82,82,82	0
87	OHX	5	3774	7/7	0.86	0.15	109,109,109,109	7
88	MG	1	4070	1/1	0.86	0.21	50,50,50,50	0
87	OHX	5	3608	7/7	0.86	0.29	39,39,39,39	7
88	MG	1	4078	1/1	0.86	0.59	52,52,52,52	1
87	OHX	1	3784	7/7	0.86	0.20	105,105,105,105	7
88	MG	5	4300	1/1	0.86	0.25	70,70,70,70	0
88	MG	c6	202	1/1	0.86	0.29	87,87,87,87	0
88	MG	1	4391	1/1	0.86	0.28	34,34,34,34	1
87	OHX	1	3678	7/7	0.86	0.19	75,75,75,75	7
88	MG	1	4092	1/1	0.86	0.29	76,76,76,76	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4095	1/1	0.86	0.23	59,59,59,59	0
88	MG	6	2150	1/1	0.86	0.46	59,59,59,59	0
87	OHX	1	3658	7/7	0.86	0.28	60,60,60,60	7
88	MG	1	4435	1/1	0.86	0.15	200,200,200,200	0
88	MG	1	4103	1/1	0.86	0.22	69,69,69,69	0
87	OHX	1	3788	7/7	0.86	0.12	147,147,147,147	7
88	MG	5	3815	1/1	0.86	0.42	36,36,36,36	0
88	MG	1	4449	1/1	0.86	0.18	82,82,82,82	0
88	MG	1	3872	1/1	0.86	0.21	30,30,30,30	0
88	MG	5	3844	1/1	0.86	0.20	33,33,33,33	0
88	MG	2	2210	1/1	0.86	0.27	69,69,69,69	0
88	MG	5	4382	1/1	0.86	0.17	37,37,37,37	1
87	OHX	5	3720	7/7	0.86	0.28	58,58,58,58	7
87	OHX	2	2087	7/7	0.86	0.33	71,71,71,71	7
88	MG	5	4390	1/1	0.86	0.34	62,62,62,62	0
88	MG	6	2172	1/1	0.86	0.23	76,76,76,76	0
88	MG	1	3892	1/1	0.86	0.34	66,66,66,66	0
88	MG	5	4410	1/1	0.86	0.23	38,38,38,38	1
87	OHX	5	3783	7/7	0.86	0.15	111,111,111,111	7
87	OHX	1	3684	7/7	0.86	0.33	54,54,54,54	7
88	MG	5	4420	1/1	0.86	0.12	63,63,63,63	0
88	MG	1	3897	1/1	0.86	0.21	66,66,66,66	0
87	OHX	1	3688	7/7	0.86	0.27	65,65,65,65	7
87	OHX	1	3719	7/7	0.86	0.34	57,57,57,57	7
88	MG	5	4470	1/1	0.86	0.09	62,62,62,62	0
88	MG	6	2198	1/1	0.86	0.11	90,90,90,90	0
87	OHX	1	3720	7/7	0.86	0.17	100,100,100,100	7
87	OHX	5	3643	7/7	0.86	0.32	35,35,35,35	7
88	MG	1	4167	1/1	0.86	0.14	46,46,46,46	0
88	MG	5	3941	1/1	0.86	0.21	41,41,41,41	0
88	MG	5	4523	1/1	0.86	0.20	55,55,55,55	0
87	OHX	2	2056	7/7	0.86	0.09	155,155,155,155	7
87	OHX	6	1990	7/7	0.86	0.24	65,65,65,65	7
88	MG	2	2160	1/1	0.86	0.07	67,67,67,67	0
87	OHX	1	3723	7/7	0.86	0.10	141,141,141,141	7
88	MG	5	4543	1/1	0.86	0.32	46,46,46,46	0
88	MG	1	3929	1/1	0.86	0.28	49,49,49,49	0
88	MG	5	3966	1/1	0.86	0.30	38,38,38,38	0
87	OHX	6	1998	7/7	0.86	0.23	64,64,64,64	7
88	MG	1	3934	1/1	0.86	0.39	36,36,36,36	0
88	MG	3	225	1/1	0.86	0.30	68,68,68,68	0
87	OHX	5	3667	7/7	0.86	0.31	56,56,56,56	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3662	7/7	0.86	0.26	62,62,62,62	7
88	MG	5	3998	1/1	0.86	0.24	37,37,37,37	0
87	OHX	6	2005	7/7	0.86	0.23	80,80,80,80	7
87	OHX	2	2062	7/7	0.86	0.22	85,85,85,85	7
87	OHX	1	3623	7/7	0.86	0.41	45,45,45,45	7
87	OHX	1	3642	7/7	0.86	0.35	54,54,54,54	7
87	OHX	2	2010	7/7	0.86	0.16	101,101,101,101	7
87	OHX	1	3676	7/7	0.86	0.30	60,60,60,60	7
88	MG	l3	414	1/1	0.86	0.11	32,32,32,32	1
88	MG	6	2243	1/1	0.86	0.30	68,68,68,68	0
88	MG	5	4070	1/1	0.86	0.27	86,86,86,86	0
87	OHX	1	4509	7/7	0.86	0.34	51,51,51,51	7
88	MG	1	3975	1/1	0.86	0.36	45,45,45,45	0
88	MG	m7	205	1/1	0.86	0.08	50,50,50,50	0
88	MG	2	2120	1/1	0.86	0.16	70,70,70,70	0
88	MG	1	4255	1/1	0.86	0.22	61,61,61,61	0
87	OHX	7	209	7/7	0.86	0.24	63,63,63,63	7
88	MG	n8	205	1/1	0.86	0.21	39,39,39,39	0
88	MG	1	4267	1/1	0.86	0.15	48,48,48,48	0
88	MG	M4	201	1/1	0.86	0.09	53,53,53,53	0
88	MG	M5	302	1/1	0.86	0.27	42,42,42,42	1
88	MG	2	2123	1/1	0.86	0.16	68,68,68,68	0
88	MG	3	223	1/1	0.87	0.12	62,62,62,62	0
88	MG	5	4115	1/1	0.87	0.31	61,61,61,61	0
88	MG	1	3938	1/1	0.87	0.34	32,32,32,32	0
87	OHX	6	2072	7/7	0.87	0.27	66,66,66,66	7
88	MG	1	4202	1/1	0.87	0.10	48,48,48,48	0
88	MG	1	3946	1/1	0.87	0.26	31,31,31,31	0
87	OHX	1	3682	7/7	0.87	0.19	117,117,117,117	7
88	MG	4	223	1/1	0.87	0.18	37,37,37,37	0
88	MG	1	3948	1/1	0.87	0.22	48,48,48,48	0
88	MG	5	4140	1/1	0.87	0.17	44,44,44,44	0
88	MG	1	4218	1/1	0.87	0.11	45,45,45,45	0
88	MG	4	231	1/1	0.87	0.14	42,42,42,42	0
87	OHX	5	3621	7/7	0.87	0.26	52,52,52,52	7
87	OHX	2	2051	7/7	0.87	0.23	86,86,86,86	7
88	MG	1	4223	1/1	0.87	0.13	45,45,45,45	0
88	MG	5	4167	1/1	0.87	0.07	115,115,115,115	0
88	MG	1	3961	1/1	0.87	0.29	31,31,31,31	0
87	OHX	5	3719	7/7	0.87	0.26	62,62,62,62	7
88	MG	5	4178	1/1	0.87	0.34	66,66,66,66	0
87	OHX	1	3635	7/7	0.87	0.24	85,85,85,85	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2000	7/7	0.87	0.36	63,63,63,63	7
88	MG	5	4183	1/1	0.87	0.26	53,53,53,53	0
88	MG	1	3971	1/1	0.87	0.31	41,41,41,41	0
87	OHX	6	2001	7/7	0.87	0.29	68,68,68,68	7
87	OHX	1	3666	7/7	0.87	0.27	50,50,50,50	7
88	MG	5	4205	1/1	0.87	0.15	50,50,50,50	0
88	MG	1	3977	1/1	0.87	0.20	51,51,51,51	0
88	MG	5	4210	1/1	0.87	0.12	52,52,52,52	0
88	MG	5	4213	1/1	0.87	0.34	66,66,66,66	0
88	MG	1	4276	1/1	0.87	0.13	76,76,76,76	0
88	MG	2	2166	1/1	0.87	0.24	55,55,55,55	0
87	OHX	5	3791	7/7	0.87	0.33	54,54,54,54	7
88	MG	1	4290	1/1	0.87	0.21	58,58,58,58	0
87	OHX	5	3725	7/7	0.87	0.33	58,58,58,58	7
87	OHX	3	210	7/7	0.87	0.36	53,53,53,53	7
88	MG	1	4011	1/1	0.87	0.36	53,53,53,53	0
88	MG	5	4257	1/1	0.87	0.07	44,44,44,44	0
87	OHX	2	2024	7/7	0.87	0.18	91,91,91,91	7
88	MG	2	2110	1/1	0.87	0.20	66,66,66,66	0
88	MG	1	4307	1/1	0.87	0.17	57,57,57,57	1
87	OHX	1	3669	7/7	0.87	0.33	47,47,47,47	7
87	OHX	5	3647	7/7	0.87	0.29	63,63,63,63	7
88	MG	2	2115	1/1	0.87	0.44	71,71,71,71	0
87	OHX	5	3650	7/7	0.87	0.37	55,55,55,55	7
88	MG	1	4326	1/1	0.87	0.11	59,59,59,59	0
88	MG	6	2113	1/1	0.87	0.14	75,75,75,75	0
88	MG	s6	301	1/1	0.87	0.15	71,71,71,71	0
87	OHX	6	2082	7/7	0.87	0.34	54,54,54,54	7
88	MG	1	4336	1/1	0.87	0.13	49,49,49,49	1
87	OHX	6	2050	7/7	0.87	0.11	132,132,132,132	7
88	MG	5	4327	1/1	0.87	0.14	62,62,62,62	0
88	MG	1	3823	1/1	0.87	0.18	67,67,67,67	0
88	MG	5	4330	1/1	0.87	0.17	37,37,37,37	0
87	OHX	4	212	7/7	0.87	0.35	42,42,42,42	7
87	OHX	1	3698	7/7	0.87	0.39	42,42,42,42	7
88	MG	5	4338	1/1	0.87	0.21	34,34,34,34	0
87	OHX	1	3567	7/7	0.87	0.24	64,64,64,64	7
87	OHX	2	1960	7/7	0.87	0.19	97,97,97,97	7
88	MG	1	3845	1/1	0.87	0.19	44,44,44,44	0
87	OHX	4	217	7/7	0.87	0.32	70,70,70,70	7
88	MG	5	4364	1/1	0.87	0.18	53,53,53,53	1
88	MG	1	4067	1/1	0.87	0.35	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3749	7/7	0.87	0.29	49,49,49,49	7
87	OHX	1	3657	7/7	0.87	0.44	45,45,45,45	7
87	OHX	7	210	7/7	0.87	0.32	52,52,52,52	7
87	OHX	5	3679	7/7	0.87	0.31	60,60,60,60	7
88	MG	1	4395	1/1	0.87	0.12	54,54,54,54	0
88	MG	5	4404	1/1	0.87	0.12	57,57,57,57	0
88	MG	5	3845	1/1	0.87	0.18	34,34,34,34	0
88	MG	1	4084	1/1	0.87	0.18	52,52,52,52	0
88	MG	1	4419	1/1	0.87	0.76	40,40,40,40	1
88	MG	1	4422	1/1	0.87	0.20	63,63,63,63	0
88	MG	5	3874	1/1	0.87	0.26	54,54,54,54	0
88	MG	2	2133	1/1	0.87	0.26	76,76,76,76	0
88	MG	5	4440	1/1	0.87	0.08	39,39,39,39	0
88	MG	5	4451	1/1	0.87	0.22	37,37,37,37	1
87	OHX	6	2057	7/7	0.87	0.27	78,78,78,78	7
88	MG	5	4453	1/1	0.87	0.12	54,54,54,54	0
87	OHX	2	2043	7/7	0.87	0.14	119,119,119,119	7
87	OHX	M7	201	7/7	0.87	0.57	42,42,42,42	7
87	OHX	s1	302	7/7	0.87	0.17	93,93,93,93	7
87	OHX	1	3608	7/7	0.87	0.40	46,46,46,46	7
87	OHX	5	3760	7/7	0.87	0.23	71,71,71,71	7
88	MG	5	4495	1/1	0.87	0.23	55,55,55,55	0
88	MG	1	4451	1/1	0.87	0.20	43,43,43,43	0
88	MG	5	3914	1/1	0.87	0.16	50,50,50,50	0
88	MG	1	4458	1/1	0.87	0.23	53,53,53,53	0
88	MG	1	4123	1/1	0.87	0.18	49,49,49,49	0
88	MG	6	2179	1/1	0.87	0.17	67,67,67,67	0
88	MG	6	2180	1/1	0.87	0.17	52,52,52,52	0
87	OHX	1	3756	7/7	0.87	0.36	52,52,52,52	7
88	MG	6	2185	1/1	0.87	0.23	44,44,44,44	0
87	OHX	5	3532	7/7	0.87	0.34	53,53,53,53	7
88	MG	5	4549	1/1	0.87	1.05	50,50,50,50	1
88	MG	5	4551	1/1	0.87	0.08	53,53,53,53	0
87	OHX	6	2027	7/7	0.87	0.27	83,83,83,83	7
88	MG	6	2194	1/1	0.87	0.17	52,52,52,52	0
87	OHX	5	3696	7/7	0.87	0.31	43,43,43,43	7
88	MG	6	2199	1/1	0.87	0.38	83,83,83,83	0
88	MG	7	219	1/1	0.87	0.18	58,58,58,58	0
88	MG	5	3971	1/1	0.87	0.22	74,74,74,74	0
87	OHX	1	3660	7/7	0.87	0.29	65,65,65,65	7
88	MG	7	234	1/1	0.87	0.26	60,60,60,60	0
88	MG	1	3907	1/1	0.87	0.24	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	8	232	1/1	0.87	0.28	64,64,64,64	0
87	OHX	m0	304	7/7	0.87	0.47	43,43,43,43	7
87	OHX	5	3597	7/7	0.87	0.23	89,89,89,89	7
88	MG	5	3988	1/1	0.87	0.33	33,33,33,33	0
87	OHX	5	3773	7/7	0.87	0.43	38,38,38,38	7
88	MG	5	4009	1/1	0.87	0.27	39,39,39,39	0
88	MG	1	3918	1/1	0.87	0.20	58,58,58,58	0
87	OHX	2	1994	7/7	0.87	0.17	111,111,111,111	7
88	MG	5	4022	1/1	0.87	0.33	37,37,37,37	0
88	MG	1	4152	1/1	0.87	0.08	60,60,60,60	0
88	MG	2	2223	1/1	0.87	0.26	69,69,69,69	0
88	MG	1	4493	1/1	0.87	0.11	51,51,51,51	0
87	OHX	5	3775	7/7	0.87	0.17	122,122,122,122	7
88	MG	2	2151	1/1	0.87	0.28	58,58,58,58	0
87	OHX	5	3603	7/7	0.87	0.18	112,112,112,112	7
88	MG	5	4072	1/1	0.87	0.25	56,56,56,56	0
87	OHX	6	2031	7/7	0.87	0.21	81,81,81,81	7
87	OHX	1	3681	7/7	0.87	0.18	95,95,95,95	7
88	MG	6	2230	1/1	0.87	0.29	59,59,59,59	0
88	MG	6	2232	1/1	0.87	0.14	53,53,53,53	0
88	MG	1	3937	1/1	0.87	0.30	36,36,36,36	0
90	PRO	B	3501	7/8	0.87	0.27	71,71,71,71	0
88	MG	S8	302	1/1	0.88	0.09	69,69,69,69	1
88	MG	6	2174	1/1	0.88	0.25	58,58,58,58	0
87	OHX	5	3576	7/7	0.88	0.34	63,63,63,63	7
88	MG	1	4487	1/1	0.88	0.13	36,36,36,36	0
88	MG	5	3825	1/1	0.88	0.23	39,39,39,39	0
88	MG	5	3830	1/1	0.88	0.21	46,46,46,46	0
88	MG	1	4207	1/1	0.88	0.17	58,58,58,58	0
88	MG	5	4245	1/1	0.88	0.15	60,60,60,60	0
87	OHX	5	3685	7/7	0.88	0.15	116,116,116,116	7
88	MG	1	3990	1/1	0.88	0.46	56,56,56,56	0
87	OHX	6	2067	7/7	0.88	0.35	70,70,70,70	7
88	MG	5	3846	1/1	0.88	0.20	65,65,65,65	0
88	MG	5	3847	1/1	0.88	0.12	36,36,36,36	0
87	OHX	6	2033	7/7	0.88	0.24	67,67,67,67	7
87	OHX	1	3732	7/7	0.88	0.15	113,113,113,113	7
88	MG	5	3867	1/1	0.88	0.26	36,36,36,36	0
87	OHX	6	2035	7/7	0.88	0.19	82,82,82,82	7
87	OHX	5	3693	7/7	0.88	0.49	44,44,44,44	7
87	OHX	1	3780	7/7	0.88	0.28	66,66,66,66	7
88	MG	5	3883	1/1	0.88	0.15	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	1997	7/7	0.88	0.19	94,94,94,94	7
88	MG	3	221	1/1	0.88	0.11	70,70,70,70	0
88	MG	1	4021	1/1	0.88	0.18	39,39,39,39	0
87	OHX	6	2038	7/7	0.88	0.17	88,88,88,88	7
87	OHX	1	3668	7/7	0.88	0.36	46,46,46,46	7
87	OHX	2	2085	7/7	0.88	0.25	93,93,93,93	7
88	MG	6	2206	1/1	0.88	0.25	67,67,67,67	0
88	MG	1	3847	1/1	0.88	0.19	53,53,53,53	0
88	MG	5	4332	1/1	0.88	0.24	69,69,69,69	0
87	OHX	1	3715	7/7	0.88	0.23	86,86,86,86	7
87	OHX	1	3689	7/7	0.88	0.17	81,81,81,81	7
88	MG	5	3925	1/1	0.88	0.22	39,39,39,39	0
88	MG	5	3927	1/1	0.88	0.18	42,42,42,42	0
88	MG	5	4344	1/1	0.88	0.29	46,46,46,46	1
87	OHX	13	402	7/7	0.88	0.21	73,73,73,73	7
88	MG	5	4350	1/1	0.88	0.17	61,61,61,61	0
88	MG	5	4351	1/1	0.88	0.11	53,53,53,53	0
87	OHX	14	401	7/7	0.88	0.22	69,69,69,69	7
87	OHX	1	3501	7/7	0.88	0.34	50,50,50,50	7
88	MG	5	4365	1/1	0.88	0.21	52,52,52,52	1
88	MG	2	2202	1/1	0.88	0.15	69,69,69,69	0
88	MG	1	4296	1/1	0.88	0.16	46,46,46,46	0
88	MG	6	2220	1/1	0.88	0.14	47,47,47,47	0
88	MG	5	3960	1/1	0.88	0.26	33,33,33,33	0
87	OHX	5	3709	7/7	0.88	0.28	70,70,70,70	7
88	MG	5	3965	1/1	0.88	0.27	41,41,41,41	0
88	MG	6	2223	1/1	0.88	0.14	52,52,52,52	0
87	OHX	1	3740	7/7	0.88	0.37	60,60,60,60	7
87	OHX	1	3615	7/7	0.88	0.24	70,70,70,70	7
87	OHX	1	3673	7/7	0.88	0.25	74,74,74,74	7
87	OHX	1	3620	7/7	0.88	0.20	63,63,63,63	7
87	OHX	m7	201	7/7	0.88	0.29	49,49,49,49	7
88	MG	1	4079	1/1	0.88	0.20	29,29,29,29	0
88	MG	5	4430	1/1	0.88	0.15	93,93,93,93	0
87	OHX	5	3718	7/7	0.88	0.21	76,76,76,76	7
87	OHX	2	2002	7/7	0.88	0.25	86,86,86,86	7
88	MG	5	4002	1/1	0.88	0.32	37,37,37,37	0
88	MG	2	2215	1/1	0.88	0.30	78,78,78,78	0
87	OHX	o7	503	7/7	0.88	0.39	53,53,53,53	7
88	MG	5	4469	1/1	0.88	0.11	49,49,49,49	0
88	MG	5	4018	1/1	0.88	0.30	31,31,31,31	0
87	OHX	5	3645	7/7	0.88	0.32	41,41,41,41	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	L3	403	7/7	0.88	0.17	85,85,85,85	7
88	MG	5	4026	1/1	0.88	0.39	34,34,34,34	0
87	OHX	L5	301	7/7	0.88	0.23	78,78,78,78	7
88	MG	1	4111	1/1	0.88	0.22	49,49,49,49	0
88	MG	2	2222	1/1	0.88	0.10	80,80,80,80	0
88	MG	5	4056	1/1	0.88	0.15	45,45,45,45	0
88	MG	1	4119	1/1	0.88	0.29	56,56,56,56	0
87	OHX	1	3633	7/7	0.88	0.26	76,76,76,76	7
87	OHX	2	2040	7/7	0.88	0.23	88,88,88,88	7
87	OHX	5	3787	7/7	0.88	0.33	68,68,68,68	7
88	MG	6	2104	1/1	0.88	0.27	52,52,52,52	0
88	MG	2	2228	1/1	0.88	0.27	56,56,56,56	0
87	OHX	M0	304	7/7	0.88	0.21	96,96,96,96	7
87	OHX	5	3731	7/7	0.88	0.24	62,62,62,62	7
88	MG	5	4096	1/1	0.88	0.20	32,32,32,32	0
88	MG	5	4555	1/1	0.88	0.25	73,73,73,73	1
88	MG	5	4559	1/1	0.88	0.24	85,85,85,85	0
88	MG	1	4394	1/1	0.88	0.10	72,72,72,72	0
87	OHX	5	3734	7/7	0.88	0.26	53,53,53,53	7
88	MG	1	4396	1/1	0.88	0.27	59,59,59,59	0
87	OHX	1	3800	7/7	0.88	0.31	67,67,67,67	7
88	MG	1	4401	1/1	0.88	0.12	44,44,44,44	0
88	MG	5	4127	1/1	0.88	0.15	35,35,35,35	1
88	MG	1	4418	1/1	0.88	0.28	60,60,60,60	0
87	OHX	2	1968	7/7	0.88	0.24	77,77,77,77	7
87	OHX	5	3669	7/7	0.88	0.33	44,44,44,44	7
87	OHX	6	2025	7/7	0.88	0.12	113,113,113,113	7
88	MG	1	4146	1/1	0.88	0.20	73,73,73,73	0
88	MG	2	2248	1/1	0.88	0.20	78,78,78,78	0
88	MG	5	4147	1/1	0.88	0.18	52,52,52,52	0
88	MG	1	3945	1/1	0.88	0.23	31,31,31,31	0
87	OHX	5	3671	7/7	0.88	0.32	49,49,49,49	7
88	MG	1	4155	1/1	0.88	0.23	45,45,45,45	0
88	MG	1	4165	1/1	0.88	0.33	72,72,72,72	0
87	OHX	1	3704	7/7	0.88	0.17	103,103,103,103	7
87	OHX	5	3674	7/7	0.88	0.28	51,51,51,51	7
88	MG	18	301	1/1	0.88	0.28	70,70,70,70	0
87	OHX	1	3753	7/7	0.88	0.60	49,49,49,49	7
88	MG	2	2112	1/1	0.88	0.20	69,69,69,69	0
88	MG	m7	206	1/1	0.88	0.19	35,35,35,35	0
87	OHX	1	3650	7/7	0.88	0.26	65,65,65,65	7
88	MG	2	2172	1/1	0.88	0.22	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4468	1/1	0.88	0.28	61,61,61,61	0
88	MG	1	4178	1/1	0.88	0.10	55,55,55,55	0
88	MG	6	2163	1/1	0.88	0.33	40,40,40,40	0
87	OHX	5	3538	7/7	0.88	0.22	84,84,84,84	7
88	MG	2	2174	1/1	0.88	0.27	68,68,68,68	0
87	OHX	5	3681	7/7	0.88	0.15	88,88,88,88	7
87	OHX	2	2038	7/7	0.88	0.28	85,85,85,85	7
87	OHX	5	3797	7/7	0.89	0.27	66,66,66,66	7
88	MG	1	4420	1/1	0.89	0.09	54,54,54,54	0
87	OHX	2	1961	7/7	0.89	0.16	112,112,112,112	7
88	MG	6	2130	1/1	0.89	0.11	55,55,55,55	0
87	OHX	5	3642	7/7	0.89	0.26	52,52,52,52	7
88	MG	5	4194	1/1	0.89	0.27	43,43,43,43	0
88	MG	1	4428	1/1	0.89	0.13	47,47,47,47	1
88	MG	6	2133	1/1	0.89	0.07	39,39,39,39	0
88	MG	1	3988	1/1	0.89	0.29	27,27,27,27	0
87	OHX	s8	301	7/7	0.89	0.17	104,104,104,104	7
88	MG	1	4434	1/1	0.89	0.16	64,64,64,64	0
87	OHX	1	3555	7/7	0.89	0.20	90,90,90,90	7
88	MG	1	3999	1/1	0.89	0.30	44,44,44,44	0
88	MG	5	4224	1/1	0.89	0.12	44,44,44,44	0
88	MG	5	4225	1/1	0.89	0.17	43,43,43,43	0
88	MG	6	2144	1/1	0.89	0.17	55,55,55,55	0
88	MG	6	2146	1/1	0.89	0.34	37,37,37,37	0
87	OHX	c5	202	7/7	0.89	0.15	98,98,98,98	7
88	MG	5	3817	1/1	0.89	0.26	54,54,54,54	0
88	MG	5	3819	1/1	0.89	0.28	33,33,33,33	0
88	MG	1	4004	1/1	0.89	0.26	52,52,52,52	0
88	MG	1	4005	1/1	0.89	0.35	48,48,48,48	0
88	MG	1	4456	1/1	0.89	0.16	75,75,75,75	0
88	MG	1	4008	1/1	0.89	0.29	35,35,35,35	0
88	MG	1	4460	1/1	0.89	0.33	60,60,60,60	0
88	MG	1	4187	1/1	0.89	0.14	90,90,90,90	0
88	MG	1	4191	1/1	0.89	0.42	52,52,52,52	0
88	MG	1	4192	1/1	0.89	0.20	55,55,55,55	0
88	MG	2	2103	1/1	0.89	0.12	65,65,65,65	0
88	MG	6	2170	1/1	0.89	0.07	49,49,49,49	0
88	MG	5	3864	1/1	0.89	0.21	36,36,36,36	0
88	MG	5	3865	1/1	0.89	0.20	62,62,62,62	0
88	MG	5	3866	1/1	0.89	0.21	34,34,34,34	0
88	MG	1	4010	1/1	0.89	0.28	49,49,49,49	0
87	OHX	5	3646	7/7	0.89	0.25	46,46,46,46	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4325	1/1	0.89	0.18	47,47,47,47	0
87	OHX	1	3612	7/7	0.89	0.32	60,60,60,60	7
87	OHX	2	2088	7/7	0.89	0.14	94,94,94,94	7
87	OHX	5	3706	7/7	0.89	0.31	79,79,79,79	7
87	OHX	5	3707	7/7	0.89	0.22	83,83,83,83	7
88	MG	1	4212	1/1	0.89	0.38	52,52,52,52	1
88	MG	5	3892	1/1	0.89	0.10	50,50,50,50	0
88	MG	5	3900	1/1	0.89	0.25	44,44,44,44	0
87	OHX	1	3692	7/7	0.89	0.23	63,63,63,63	7
87	OHX	5	3762	7/7	0.89	0.24	66,66,66,66	7
88	MG	5	4343	1/1	0.89	0.09	60,60,60,60	0
88	MG	1	3877	1/1	0.89	0.20	47,47,47,47	0
88	MG	6	2187	1/1	0.89	0.08	77,77,77,77	0
88	MG	5	4347	1/1	0.89	0.19	59,59,59,59	0
88	MG	1	3879	1/1	0.89	0.24	48,48,48,48	0
87	OHX	5	3653	7/7	0.89	0.37	41,41,41,41	7
88	MG	5	3916	1/1	0.89	0.13	41,41,41,41	0
88	MG	2	2167	1/1	0.89	0.18	84,84,84,84	0
87	OHX	5	3545	7/7	0.89	0.34	55,55,55,55	7
88	MG	1	4237	1/1	0.89	0.22	57,57,57,57	0
88	MG	5	4377	1/1	0.89	0.28	79,79,79,79	0
87	OHX	5	3658	7/7	0.89	0.34	45,45,45,45	7
88	MG	5	3930	1/1	0.89	0.30	35,35,35,35	0
88	MG	1	4245	1/1	0.89	0.12	54,54,54,54	0
88	MG	1	4051	1/1	0.89	0.20	51,51,51,51	0
88	MG	3	219	1/1	0.89	0.37	63,63,63,63	0
87	OHX	5	3659	7/7	0.89	0.30	57,57,57,57	7
88	MG	2	2231	1/1	0.89	0.23	82,82,82,82	0
87	OHX	6	2030	7/7	0.89	0.11	105,105,105,105	7
88	MG	5	3959	1/1	0.89	0.20	43,43,43,43	0
88	MG	2	2239	1/1	0.89	0.19	86,86,86,86	0
88	MG	1	4066	1/1	0.89	0.14	70,70,70,70	0
88	MG	3	227	1/1	0.89	0.16	78,78,78,78	0
88	MG	1	4284	1/1	0.89	0.18	52,52,52,52	0
88	MG	5	4438	1/1	0.89	0.69	34,34,34,34	1
87	OHX	1	3563	7/7	0.89	0.39	48,48,48,48	7
88	MG	4	219	1/1	0.89	0.14	64,64,64,64	0
88	MG	1	3908	1/1	0.89	0.07	52,52,52,52	0
88	MG	6	2219	1/1	0.89	0.30	60,60,60,60	0
87	OHX	1	3566	7/7	0.89	0.33	41,41,41,41	7
87	OHX	M9	202	7/7	0.89	0.23	78,78,78,78	7
88	MG	5	3979	1/1	0.89	0.23	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4472	1/1	0.89	0.11	46,46,46,46	0
88	MG	5	4475	1/1	0.89	0.23	56,56,56,56	1
88	MG	5	3981	1/1	0.89	0.40	50,50,50,50	0
88	MG	5	4478	1/1	0.89	0.21	45,45,45,45	1
87	OHX	5	3721	7/7	0.89	0.23	75,75,75,75	7
87	OHX	1	3627	7/7	0.89	0.34	51,51,51,51	7
87	OHX	1	3629	7/7	0.89	0.19	79,79,79,79	7
87	OHX	5	3606	7/7	0.89	0.31	60,60,60,60	7
87	OHX	2	2022	7/7	0.89	0.27	66,66,66,66	7
88	MG	5	4014	1/1	0.89	0.11	34,34,34,34	0
87	OHX	6	1968	7/7	0.89	0.28	74,74,74,74	7
87	OHX	m0	303	7/7	0.89	0.20	86,86,86,86	7
88	MG	5	4531	1/1	0.89	0.22	56,56,56,56	0
88	MG	4	242	1/1	0.89	0.11	57,57,57,57	1
87	OHX	6	2040	7/7	0.89	0.34	58,58,58,58	7
88	MG	5	4030	1/1	0.89	0.09	45,45,45,45	0
88	MG	1	4104	1/1	0.89	0.11	56,56,56,56	0
88	MG	5	4038	1/1	0.89	0.27	35,35,35,35	0
88	MG	5	4550	1/1	0.89	0.14	43,43,43,43	0
88	MG	M0	306	1/1	0.89	0.10	53,53,53,53	0
88	MG	1	4110	1/1	0.89	0.07	67,67,67,67	0
87	OHX	5	3732	7/7	0.89	0.18	93,93,93,93	7
87	OHX	5	3616	7/7	0.89	0.35	42,42,42,42	7
87	OHX	6	1981	7/7	0.89	0.30	45,45,45,45	7
88	MG	1	4120	1/1	0.89	0.08	46,46,46,46	0
87	OHX	1	3701	7/7	0.89	0.25	64,64,64,64	7
87	OHX	2	2000	7/7	0.89	0.20	110,110,110,110	7
88	MG	5	4089	1/1	0.89	0.14	34,34,34,34	0
87	OHX	2	2082	7/7	0.89	0.10	137,137,137,137	7
88	MG	N8	202	1/1	0.89	0.20	37,37,37,37	0
88	MG	8	224	1/1	0.89	0.25	52,52,52,52	0
88	MG	1	4348	1/1	0.89	0.14	52,52,52,52	0
88	MG	8	231	1/1	0.89	0.18	50,50,50,50	0
88	MG	D6	102	1/1	0.89	0.15	77,77,77,77	0
88	MG	O5	201	1/1	0.89	0.09	58,58,58,58	0
87	OHX	1	3644	7/7	0.89	0.29	65,65,65,65	7
87	OHX	6	2046	7/7	0.89	0.19	100,100,100,100	7
88	MG	1	4357	1/1	0.89	0.25	67,67,67,67	0
88	MG	SM	201	1/1	0.89	0.24	55,55,55,55	0
88	MG	6	2289	1/1	0.89	0.19	57,57,57,57	0
88	MG	l3	403	1/1	0.89	0.34	26,26,26,26	0
88	MG	1	4136	1/1	0.89	0.19	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4365	1/1	0.89	0.10	43,43,43,43	0
87	OHX	5	3792	7/7	0.89	0.27	63,63,63,63	7
88	MG	1	4140	1/1	0.89	0.09	41,41,41,41	0
88	MG	1	4374	1/1	0.89	0.25	41,41,41,41	1
88	MG	m4	202	1/1	0.89	0.12	53,53,53,53	1
88	MG	1	3963	1/1	0.89	0.29	40,40,40,40	0
88	MG	6	2110	1/1	0.89	0.18	82,82,82,82	0
87	OHX	5	3690	7/7	0.89	0.30	55,55,55,55	7
88	MG	6	2313	1/1	0.89	0.13	71,71,71,71	0
88	MG	6	2114	1/1	0.89	0.23	49,49,49,49	0
87	OHX	5	3743	7/7	0.89	0.20	66,66,66,66	7
88	MG	2	2201	1/1	0.89	0.12	61,61,61,61	0
88	MG	q2	503	1/1	0.89	0.09	42,42,42,42	1
87	OHX	5	3634	7/7	0.89	0.25	73,73,73,73	7
88	MG	6	2331	1/1	0.89	0.10	76,76,76,76	0
87	OHX	6	2071	7/7	0.89	0.35	55,55,55,55	7
88	MG	5	4174	1/1	0.89	0.17	38,38,38,38	1
88	MG	1	4150	1/1	0.89	0.21	81,81,81,81	0
87	OHX	6	1985	7/7	0.90	0.23	90,90,90,90	7
88	MG	5	4156	1/1	0.90	0.08	67,67,67,67	0
88	MG	1	3976	1/1	0.90	0.20	54,54,54,54	0
87	OHX	5	3604	7/7	0.90	0.32	44,44,44,44	7
88	MG	1	3979	1/1	0.90	0.25	40,40,40,40	0
88	MG	6	2321	1/1	0.90	0.09	72,72,72,72	0
88	MG	1	3841	1/1	0.90	0.19	44,44,44,44	0
88	MG	1	4393	1/1	0.90	0.16	38,38,38,38	1
87	OHX	1	3722	7/7	0.90	0.34	54,54,54,54	7
88	MG	6	2112	1/1	0.90	0.25	42,42,42,42	0
88	MG	2	2118	1/1	0.90	0.26	46,46,46,46	0
88	MG	1	3849	1/1	0.90	0.30	41,41,41,41	0
88	MG	1	4157	1/1	0.90	0.17	47,47,47,47	0
87	OHX	1	3541	7/7	0.90	0.21	91,91,91,91	7
88	MG	5	4191	1/1	0.90	0.41	35,35,35,35	1
88	MG	6	2119	1/1	0.90	0.31	59,59,59,59	0
88	MG	s8	303	1/1	0.90	0.22	46,46,46,46	0
88	MG	5	4198	1/1	0.90	0.16	32,32,32,32	1
88	MG	s8	305	1/1	0.90	0.14	56,56,56,56	0
88	MG	1	4404	1/1	0.90	0.09	56,56,56,56	1
87	OHX	1	3636	7/7	0.90	0.19	83,83,83,83	7
88	MG	5	4209	1/1	0.90	0.10	59,59,59,59	0
88	MG	c8	202	1/1	0.90	0.33	81,81,81,81	0
88	MG	1	4003	1/1	0.90	0.24	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	2121	1/1	0.90	0.14	73,73,73,73	0
88	MG	1	4171	1/1	0.90	0.26	46,46,46,46	0
88	MG	5	4223	1/1	0.90	0.11	48,48,48,48	0
88	MG	1	3859	1/1	0.90	0.19	38,38,38,38	0
87	OHX	2	2009	7/7	0.90	0.27	70,70,70,70	7
88	MG	d2	201	1/1	0.90	0.20	46,46,46,46	0
88	MG	5	4232	1/1	0.90	0.16	42,42,42,42	0
88	MG	d3	201	1/1	0.90	0.18	47,47,47,47	0
87	OHX	l5	301	7/7	0.90	0.18	90,90,90,90	7
87	OHX	4	213	7/7	0.90	0.25	64,64,64,64	7
88	MG	2	2227	1/1	0.90	0.08	63,63,63,63	0
88	MG	1	4184	1/1	0.90	0.23	47,47,47,47	0
87	OHX	5	3748	7/7	0.90	0.29	49,49,49,49	7
87	OHX	5	3618	7/7	0.90	0.24	74,74,74,74	7
87	OHX	5	3750	7/7	0.90	0.08	161,161,161,161	7
88	MG	2	2129	1/1	0.90	0.17	66,66,66,66	0
88	MG	1	4455	1/1	0.90	0.35	46,46,46,46	1
88	MG	5	4289	1/1	0.90	0.13	43,43,43,43	0
88	MG	1	4023	1/1	0.90	0.21	43,43,43,43	0
88	MG	5	3837	1/1	0.90	0.31	43,43,43,43	0
88	MG	5	3839	1/1	0.90	0.21	62,62,62,62	0
88	MG	1	4195	1/1	0.90	0.23	46,46,46,46	0
88	MG	1	4196	1/1	0.90	0.14	51,51,51,51	0
88	MG	1	3882	1/1	0.90	0.19	39,39,39,39	0
88	MG	5	4315	1/1	0.90	0.16	59,59,59,59	0
87	OHX	2	1988	7/7	0.90	0.22	80,80,80,80	7
88	MG	1	4204	1/1	0.90	0.16	47,47,47,47	1
88	MG	5	4322	1/1	0.90	0.15	53,53,53,53	0
88	MG	6	2158	1/1	0.90	0.34	40,40,40,40	0
88	MG	1	4031	1/1	0.90	0.13	44,44,44,44	0
88	MG	2	2234	1/1	0.90	0.14	76,76,76,76	0
88	MG	1	4469	1/1	0.90	0.21	51,51,51,51	0
88	MG	1	4040	1/1	0.90	0.28	69,69,69,69	0
88	MG	6	2167	1/1	0.90	0.19	55,55,55,55	0
87	OHX	5	3714	7/7	0.90	0.10	136,136,136,136	7
88	MG	1	3893	1/1	0.90	0.20	43,43,43,43	0
87	OHX	5	3753	7/7	0.90	0.20	75,75,75,75	7
87	OHX	1	3611	7/7	0.90	0.23	68,68,68,68	7
87	OHX	1	3796	7/7	0.90	0.45	41,41,41,41	7
88	MG	1	4224	1/1	0.90	0.16	62,62,62,62	0
87	OHX	5	3678	7/7	0.90	0.22	75,75,75,75	7
88	MG	5	3894	1/1	0.90	0.30	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4346	1/1	0.90	0.15	44,44,44,44	1
88	MG	5	3898	1/1	0.90	0.22	71,71,71,71	0
88	MG	6	2177	1/1	0.90	0.10	80,80,80,80	0
87	OHX	5	3757	7/7	0.90	0.31	69,69,69,69	7
88	MG	2	2183	1/1	0.90	0.30	66,66,66,66	0
88	MG	5	4361	1/1	0.90	0.31	45,45,45,45	0
88	MG	1	4232	1/1	0.90	0.13	52,52,52,52	0
87	OHX	1	3797	7/7	0.90	0.25	57,57,57,57	7
87	OHX	1	3728	7/7	0.90	0.28	55,55,55,55	7
88	MG	1	4065	1/1	0.90	0.18	56,56,56,56	0
88	MG	6	2188	1/1	0.90	0.15	52,52,52,52	0
88	MG	1	4252	1/1	0.90	0.17	58,58,58,58	0
88	MG	1	4505	1/1	0.90	0.14	90,90,90,90	0
88	MG	1	4508	1/1	0.90	0.07	41,41,41,41	0
87	OHX	1	3710	7/7	0.90	0.31	45,45,45,45	7
87	OHX	2	2021	7/7	0.90	0.23	72,72,72,72	7
88	MG	3	215	1/1	0.90	0.35	51,51,51,51	0
88	MG	5	3936	1/1	0.90	0.31	34,34,34,34	0
87	OHX	1	3776	7/7	0.90	0.37	45,45,45,45	7
88	MG	1	4260	1/1	0.90	0.36	53,53,53,53	0
87	OHX	2	1992	7/7	0.90	0.25	75,75,75,75	7
88	MG	3	222	1/1	0.90	0.23	45,45,45,45	0
88	MG	5	3952	1/1	0.90	0.28	47,47,47,47	0
88	MG	1	4272	1/1	0.90	0.29	37,37,37,37	0
88	MG	1	4077	1/1	0.90	0.22	46,46,46,46	0
88	MG	1	3920	1/1	0.90	0.20	36,36,36,36	0
88	MG	1	4281	1/1	0.90	0.15	52,52,52,52	0
88	MG	5	3962	1/1	0.90	0.23	39,39,39,39	0
88	MG	3	228	1/1	0.90	0.17	78,78,78,78	0
88	MG	5	4464	1/1	0.90	0.21	43,43,43,43	0
88	MG	2	2256	1/1	0.90	0.10	66,66,66,66	0
87	OHX	C5	201	7/7	0.90	0.14	112,112,112,112	7
88	MG	5	3969	1/1	0.90	0.32	34,34,34,34	0
88	MG	1	3928	1/1	0.90	0.23	28,28,28,28	0
87	OHX	5	3810	7/7	0.90	0.17	70,70,70,70	7
88	MG	1	4091	1/1	0.90	0.08	41,41,41,41	0
88	MG	4	225	1/1	0.90	0.08	61,61,61,61	0
87	OHX	1	3716	7/7	0.90	0.13	104,104,104,104	7
87	OHX	5	3812	7/7	0.90	0.31	43,43,43,43	7
88	MG	5	4503	1/1	0.90	0.23	46,46,46,46	1
88	MG	1	4097	1/1	0.90	0.10	57,57,57,57	0
88	MG	4	233	1/1	0.90	0.20	67,67,67,67	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4514	1/1	0.90	0.17	41,41,41,41	0
88	MG	5	3991	1/1	0.90	0.36	34,34,34,34	0
88	MG	5	3992	1/1	0.90	0.30	31,31,31,31	0
88	MG	1	4301	1/1	0.90	0.16	59,59,59,59	0
88	MG	5	4001	1/1	0.90	0.23	30,30,30,30	0
88	MG	5	4532	1/1	0.90	0.43	42,42,42,42	1
87	OHX	5	3535	7/7	0.90	0.31	54,54,54,54	7
88	MG	5	4008	1/1	0.90	0.27	33,33,33,33	0
88	MG	5	4539	1/1	0.90	0.24	41,41,41,41	1
88	MG	1	4304	1/1	0.90	0.35	55,55,55,55	0
88	MG	1	4101	1/1	0.90	0.18	47,47,47,47	0
88	MG	6	2241	1/1	0.90	0.16	70,70,70,70	0
88	MG	C5	202	1/1	0.90	0.17	76,76,76,76	0
87	OHX	5	3770	7/7	0.90	0.21	66,66,66,66	7
88	MG	6	2247	1/1	0.90	0.14	50,50,50,50	0
88	MG	5	4023	1/1	0.90	0.24	41,41,41,41	0
87	OHX	5	3771	7/7	0.90	0.29	59,59,59,59	7
88	MG	5	4560	1/1	0.90	0.25	34,34,34,34	1
88	MG	L3	407	1/1	0.90	0.33	51,51,51,51	1
88	MG	L4	407	1/1	0.90	0.11	55,55,55,55	1
88	MG	1	3943	1/1	0.90	0.20	37,37,37,37	0
88	MG	7	213	1/1	0.90	0.19	46,46,46,46	0
88	MG	2	2152	1/1	0.90	0.12	88,88,88,88	0
88	MG	1	4118	1/1	0.90	0.11	45,45,45,45	0
88	MG	1	4335	1/1	0.90	0.14	73,73,73,73	1
88	MG	7	226	1/1	0.90	0.24	50,50,50,50	1
88	MG	7	233	1/1	0.90	0.07	45,45,45,45	0
88	MG	5	4058	1/1	0.90	0.22	39,39,39,39	0
88	MG	7	235	1/1	0.90	0.11	44,44,44,44	0
88	MG	6	2261	1/1	0.90	0.10	60,60,60,60	0
87	OHX	1	3570	7/7	0.90	0.30	56,56,56,56	7
88	MG	5	4068	1/1	0.90	0.17	55,55,55,55	0
88	MG	6	2263	1/1	0.90	0.17	40,40,40,40	0
88	MG	6	2266	1/1	0.90	0.10	71,71,71,71	0
88	MG	8	236	1/1	0.90	0.24	57,57,57,57	0
88	MG	5	4075	1/1	0.90	0.15	44,44,44,44	0
88	MG	5	4082	1/1	0.90	0.17	48,48,48,48	0
88	MG	6	2267	1/1	0.90	0.14	54,54,54,54	0
88	MG	5	4086	1/1	0.90	0.09	52,52,52,52	0
87	OHX	1	3626	7/7	0.90	0.30	57,57,57,57	7
88	MG	6	2271	1/1	0.90	0.16	42,42,42,42	0
88	MG	5	4093	1/1	0.90	0.15	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	M7	202	1/1	0.90	0.41	52,52,52,52	0
87	OHX	1	3589	7/7	0.90	0.30	56,56,56,56	7
88	MG	1	3816	1/1	0.90	0.15	44,44,44,44	0
88	MG	17	304	1/1	0.90	0.19	49,49,49,49	1
87	OHX	6	1961	7/7	0.90	0.24	65,65,65,65	7
88	MG	m0	305	1/1	0.90	0.26	32,32,32,32	0
88	MG	6	2277	1/1	0.90	0.07	48,48,48,48	0
87	OHX	2	2007	7/7	0.90	0.19	101,101,101,101	7
87	OHX	3	208	7/7	0.90	0.20	85,85,85,85	7
88	MG	O1	204	1/1	0.90	0.31	63,63,63,63	0
88	MG	1	4350	1/1	0.90	0.09	62,62,62,62	0
88	MG	n1	204	1/1	0.90	0.23	56,56,56,56	0
88	MG	n3	203	1/1	0.90	0.26	29,29,29,29	0
88	MG	1	3964	1/1	0.90	0.34	43,43,43,43	0
88	MG	1	3826	1/1	0.90	0.24	40,40,40,40	0
88	MG	n8	204	1/1	0.90	0.13	55,55,55,55	1
88	MG	O5	202	1/1	0.90	0.27	54,54,54,54	1
88	MG	o2	202	1/1	0.90	0.09	49,49,49,49	0
88	MG	o3	202	1/1	0.90	0.10	53,53,53,53	0
88	MG	o6	201	1/1	0.90	0.14	69,69,69,69	1
88	MG	1	3827	1/1	0.90	0.21	44,44,44,44	0
88	MG	1	3828	1/1	0.90	0.16	39,39,39,39	0
88	MG	Q0	203	1/1	0.90	0.30	52,52,52,52	0
87	OHX	1	3601	7/7	0.90	0.15	107,107,107,107	7
88	MG	5	4149	1/1	0.90	0.26	41,41,41,41	0
88	MG	2	2213	1/1	0.90	0.13	55,55,55,55	0
87	OHX	8	208	7/7	0.91	0.26	63,63,63,63	7
87	OHX	5	3583	7/7	0.91	0.26	53,53,53,53	7
88	MG	5	4203	1/1	0.91	0.38	62,62,62,62	0
88	MG	2	2208	1/1	0.91	0.13	72,72,72,72	0
88	MG	1	4440	1/1	0.91	0.24	41,41,41,41	1
88	MG	6	2141	1/1	0.91	0.16	40,40,40,40	0
87	OHX	5	3590	7/7	0.91	0.30	42,42,42,42	7
87	OHX	1	3749	7/7	0.91	0.26	51,51,51,51	7
88	MG	5	4219	1/1	0.91	0.10	53,53,53,53	0
87	OHX	6	1982	7/7	0.91	0.16	98,98,98,98	7
88	MG	5	3821	1/1	0.91	0.18	48,48,48,48	0
88	MG	1	4453	1/1	0.91	0.17	43,43,43,43	0
88	MG	6	2147	1/1	0.91	0.34	58,58,58,58	0
87	OHX	2	2006	7/7	0.91	0.28	72,72,72,72	7
88	MG	6	2152	1/1	0.91	0.20	50,50,50,50	0
88	MG	5	4231	1/1	0.91	0.24	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1980	7/7	0.91	0.22	93,93,93,93	7
88	MG	1	4199	1/1	0.91	0.78	42,42,42,42	1
87	OHX	1	3695	7/7	0.91	0.38	44,44,44,44	7
88	MG	5	4243	1/1	0.91	0.22	37,37,37,37	0
87	OHX	2	2057	7/7	0.91	0.28	67,67,67,67	7
88	MG	6	2157	1/1	0.91	0.34	46,46,46,46	0
87	OHX	2	2003	7/7	0.91	0.14	103,103,103,103	7
88	MG	5	4252	1/1	0.91	0.17	44,44,44,44	0
88	MG	1	4030	1/1	0.91	0.15	54,54,54,54	0
88	MG	1	3876	1/1	0.91	0.18	49,49,49,49	0
88	MG	5	4264	1/1	0.91	0.18	46,46,46,46	0
88	MG	1	4467	1/1	0.91	0.38	33,33,33,33	1
88	MG	5	4278	1/1	0.91	0.10	39,39,39,39	0
88	MG	1	4037	1/1	0.91	0.19	33,33,33,33	0
87	OHX	1	3578	7/7	0.91	0.21	67,67,67,67	7
88	MG	5	4288	1/1	0.91	0.18	37,37,37,37	0
88	MG	1	4214	1/1	0.91	0.13	50,50,50,50	0
87	OHX	5	3613	7/7	0.91	0.21	74,74,74,74	7
88	MG	1	3880	1/1	0.91	0.11	50,50,50,50	0
88	MG	1	4479	1/1	0.91	0.22	59,59,59,59	0
88	MG	5	4305	1/1	0.91	0.11	74,74,74,74	0
87	OHX	15	302	7/7	0.91	0.19	88,88,88,88	7
87	OHX	15	303	7/7	0.91	0.20	69,69,69,69	7
88	MG	5	4309	1/1	0.91	0.21	57,57,57,57	0
87	OHX	2	2074	7/7	0.91	0.22	92,92,92,92	7
88	MG	1	4049	1/1	0.91	0.18	44,44,44,44	0
88	MG	1	4227	1/1	0.91	0.08	44,44,44,44	0
88	MG	5	3896	1/1	0.91	0.30	41,41,41,41	0
87	OHX	5	3617	7/7	0.91	0.24	43,43,43,43	7
87	OHX	5	3768	7/7	0.91	0.15	115,115,115,115	7
88	MG	6	2181	1/1	0.91	0.19	55,55,55,55	0
87	OHX	6	1999	7/7	0.91	0.18	85,85,85,85	7
88	MG	1	4491	1/1	0.91	0.29	71,71,71,71	0
88	MG	1	4059	1/1	0.91	0.30	53,53,53,53	0
87	OHX	1	3672	7/7	0.91	0.22	71,71,71,71	7
88	MG	5	3912	1/1	0.91	0.23	57,57,57,57	0
87	OHX	2	2032	7/7	0.91	0.19	82,82,82,82	7
88	MG	1	4248	1/1	0.91	0.13	58,58,58,58	0
88	MG	1	4504	1/1	0.91	0.33	37,37,37,37	1
88	MG	5	3919	1/1	0.91	0.13	35,35,35,35	0
88	MG	6	2196	1/1	0.91	0.15	45,45,45,45	1
88	MG	6	2197	1/1	0.91	0.28	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3622	7/7	0.91	0.22	69,69,69,69	7
88	MG	5	3929	1/1	0.91	0.18	46,46,46,46	0
88	MG	1	4507	1/1	0.91	0.11	52,52,52,52	0
87	OHX	2	2001	7/7	0.91	0.18	82,82,82,82	7
88	MG	5	3934	1/1	0.91	0.43	28,28,28,28	0
87	OHX	5	3627	7/7	0.91	0.17	89,89,89,89	7
87	OHX	2	2036	7/7	0.91	0.11	123,123,123,123	7
88	MG	5	4362	1/1	0.91	0.21	41,41,41,41	0
88	MG	5	4363	1/1	0.91	0.16	44,44,44,44	0
87	OHX	6	2047	7/7	0.91	0.23	67,67,67,67	7
87	OHX	2	2011	7/7	0.91	0.22	69,69,69,69	7
88	MG	1	4073	1/1	0.91	0.16	54,54,54,54	0
88	MG	1	3914	1/1	0.91	0.16	57,57,57,57	0
88	MG	5	4381	1/1	0.91	0.25	34,34,34,34	1
87	OHX	5	3633	7/7	0.91	0.15	109,109,109,109	7
87	OHX	2	2050	7/7	0.91	0.16	96,96,96,96	7
88	MG	3	224	1/1	0.91	0.12	47,47,47,47	0
87	OHX	5	3637	7/7	0.91	0.31	52,52,52,52	7
88	MG	1	4285	1/1	0.91	0.21	57,57,57,57	0
88	MG	5	4400	1/1	0.91	0.23	38,38,38,38	1
87	OHX	1	3763	7/7	0.91	0.34	45,45,45,45	7
87	OHX	5	3717	7/7	0.91	0.25	50,50,50,50	7
87	OHX	1	3764	7/7	0.91	0.44	50,50,50,50	7
88	MG	5	4412	1/1	0.91	0.13	38,38,38,38	0
88	MG	1	3927	1/1	0.91	0.23	41,41,41,41	0
88	MG	6	2221	1/1	0.91	0.07	53,53,53,53	1
87	OHX	1	3517	7/7	0.91	0.29	59,59,59,59	7
87	OHX	2	2012	7/7	0.91	0.14	102,102,102,102	7
88	MG	6	2228	1/1	0.91	0.13	59,59,59,59	1
88	MG	1	4298	1/1	0.91	0.24	48,48,48,48	0
87	OHX	1	3613	7/7	0.91	0.39	36,36,36,36	7
87	OHX	6	2016	7/7	0.91	0.14	91,91,91,91	7
88	MG	5	3987	1/1	0.91	0.23	34,34,34,34	0
87	OHX	1	3543	7/7	0.91	0.32	56,56,56,56	7
88	MG	5	3989	1/1	0.91	0.34	29,29,29,29	0
88	MG	5	4463	1/1	0.91	0.09	37,37,37,37	0
88	MG	1	3936	1/1	0.91	0.23	38,38,38,38	0
88	MG	6	2238	1/1	0.91	0.10	66,66,66,66	0
88	MG	1	4105	1/1	0.91	0.08	46,46,46,46	0
88	MG	5	3999	1/1	0.91	0.28	27,27,27,27	0
88	MG	5	4000	1/1	0.91	0.27	42,42,42,42	0
88	MG	1	4308	1/1	0.91	0.19	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4109	1/1	0.91	0.15	49,49,49,49	0
88	MG	5	4006	1/1	0.91	0.41	46,46,46,46	0
88	MG	5	4488	1/1	0.91	0.15	41,41,41,41	1
87	OHX	s4	301	7/7	0.91	0.23	79,79,79,79	7
88	MG	6	2244	1/1	0.91	0.17	53,53,53,53	0
88	MG	1	4321	1/1	0.91	0.27	52,52,52,52	0
87	OHX	1	3801	7/7	0.91	0.23	73,73,73,73	7
88	MG	5	4016	1/1	0.91	0.25	30,30,30,30	0
87	OHX	6	2019	7/7	0.91	0.25	55,55,55,55	7
88	MG	5	4520	1/1	0.91	0.06	47,47,47,47	0
88	MG	2	2107	1/1	0.91	0.26	60,60,60,60	0
87	OHX	5	3652	7/7	0.91	0.33	58,58,58,58	7
88	MG	1	4328	1/1	0.91	0.28	37,37,37,37	1
87	OHX	1	3686	7/7	0.91	0.29	66,66,66,66	7
88	MG	M0	305	1/1	0.91	0.23	62,62,62,62	0
88	MG	1	4121	1/1	0.91	0.18	35,35,35,35	0
88	MG	1	4338	1/1	0.91	0.17	58,58,58,58	0
88	MG	5	4039	1/1	0.91	0.22	37,37,37,37	0
88	MG	5	4049	1/1	0.91	0.32	44,44,44,44	0
87	OHX	2	2015	7/7	0.91	0.17	87,87,87,87	7
88	MG	1	4342	1/1	0.91	0.14	48,48,48,48	1
87	OHX	5	3656	7/7	0.91	0.71	42,42,42,42	7
88	MG	1	3951	1/1	0.91	0.21	36,36,36,36	0
88	MG	5	4060	1/1	0.91	0.08	64,64,64,64	0
88	MG	6	2269	1/1	0.91	0.15	89,89,89,89	0
88	MG	1	3953	1/1	0.91	0.16	34,34,34,34	0
87	OHX	5	3657	7/7	0.91	0.25	50,50,50,50	7
88	MG	N3	201	1/1	0.91	0.33	39,39,39,39	0
88	MG	1	4347	1/1	0.91	0.15	43,43,43,43	0
88	MG	5	4074	1/1	0.91	0.09	41,41,41,41	0
87	OHX	5	3505	7/7	0.91	0.24	66,66,66,66	7
88	MG	7	215	1/1	0.91	0.30	53,53,53,53	0
88	MG	1	4132	1/1	0.91	0.19	58,58,58,58	0
88	MG	N8	203	1/1	0.91	0.21	33,33,33,33	0
88	MG	O1	203	1/1	0.91	0.26	57,57,57,57	0
87	OHX	5	3519	7/7	0.91	0.15	120,120,120,120	7
88	MG	7	228	1/1	0.91	0.07	38,38,38,38	0
88	MG	O2	202	1/1	0.91	0.27	32,32,32,32	0
88	MG	O2	204	1/1	0.91	0.18	33,33,33,33	0
88	MG	1	4354	1/1	0.91	0.17	51,51,51,51	0
88	MG	7	239	1/1	0.91	0.11	53,53,53,53	1
88	MG	8	223	1/1	0.91	0.14	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3621	7/7	0.91	0.33	61,61,61,61	7
88	MG	8	229	1/1	0.91	0.09	52,52,52,52	0
88	MG	6	2296	1/1	0.91	0.14	54,54,54,54	1
87	OHX	5	3665	7/7	0.91	0.32	37,37,37,37	7
87	OHX	O3	201	7/7	0.91	0.31	49,49,49,49	7
88	MG	5	4106	1/1	0.91	0.27	50,50,50,50	0
88	MG	1	4142	1/1	0.91	0.13	50,50,50,50	0
87	OHX	1	3690	7/7	0.91	0.18	85,85,85,85	7
88	MG	5	4121	1/1	0.91	0.18	38,38,38,38	0
88	MG	1	3818	1/1	0.91	0.28	34,34,34,34	0
88	MG	12	303	1/1	0.91	0.20	55,55,55,55	1
87	OHX	5	3544	7/7	0.91	0.26	48,48,48,48	7
88	MG	6	2307	1/1	0.91	0.17	68,68,68,68	0
87	OHX	6	1966	7/7	0.91	0.29	56,56,56,56	7
88	MG	1	4370	1/1	0.91	0.15	44,44,44,44	0
88	MG	13	415	1/1	0.91	0.13	36,36,36,36	1
88	MG	6	2317	1/1	0.91	0.20	59,59,59,59	0
88	MG	1	3974	1/1	0.91	0.37	28,28,28,28	0
88	MG	5	4138	1/1	0.91	0.08	40,40,40,40	0
88	MG	1	4390	1/1	0.91	0.17	41,41,41,41	1
88	MG	1	4148	1/1	0.91	0.20	75,75,75,75	0
87	OHX	5	3557	7/7	0.91	0.31	51,51,51,51	7
87	OHX	5	3560	7/7	0.91	0.25	89,89,89,89	7
87	OHX	2	2025	7/7	0.91	0.17	94,94,94,94	7
88	MG	5	4152	1/1	0.91	0.17	41,41,41,41	0
87	OHX	5	4574	7/7	0.91	0.28	40,40,40,40	7
88	MG	m8	1503	1/1	0.91	0.14	52,52,52,52	0
88	MG	1	3831	1/1	0.91	0.20	41,41,41,41	0
88	MG	n0	203	1/1	0.91	0.19	41,41,41,41	0
88	MG	1	3982	1/1	0.91	0.14	54,54,54,54	0
88	MG	6	2115	1/1	0.91	0.26	75,75,75,75	0
88	MG	1	4402	1/1	0.91	0.11	46,46,46,46	1
88	MG	1	3833	1/1	0.91	0.25	41,41,41,41	0
88	MG	1	4409	1/1	0.91	0.10	52,52,52,52	1
88	MG	1	4410	1/1	0.91	0.16	50,50,50,50	1
88	MG	5	4175	1/1	0.91	0.25	44,44,44,44	0
88	MG	o2	203	1/1	0.91	0.42	34,34,34,34	1
88	MG	1	3989	1/1	0.91	0.23	28,28,28,28	0
88	MG	2	2127	1/1	0.91	0.26	60,60,60,60	0
87	OHX	5	3571	7/7	0.91	0.23	66,66,66,66	7
88	MG	2	2200	1/1	0.91	0.23	65,65,65,65	0
87	OHX	6	1971	7/7	0.91	0.22	85,85,85,85	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3844	1/1	0.91	0.21	46,46,46,46	0
87	OHX	5	3579	7/7	0.91	0.12	148,148,148,148	7
87	OHX	6	2069	7/7	0.91	0.19	78,78,78,78	7
88	MG	1	4134	1/1	0.92	0.11	46,46,46,46	0
88	MG	2	2235	1/1	0.92	0.14	102,102,102,102	1
88	MG	1	3995	1/1	0.92	0.26	32,32,32,32	0
88	MG	1	4137	1/1	0.92	0.10	51,51,51,51	0
88	MG	2	2108	1/1	0.92	0.47	59,59,59,59	0
88	MG	2	2240	1/1	0.92	0.25	66,66,66,66	0
88	MG	5	4259	1/1	0.92	0.23	32,32,32,32	1
88	MG	6	2201	1/1	0.92	0.10	83,83,83,83	0
88	MG	5	4263	1/1	0.92	0.09	38,38,38,38	0
88	MG	4	218	1/1	0.92	0.34	54,54,54,54	0
88	MG	1	4141	1/1	0.92	0.15	47,47,47,47	0
87	OHX	1	3559	7/7	0.92	0.29	50,50,50,50	7
87	OHX	5	3694	7/7	0.92	0.18	66,66,66,66	7
87	OHX	1	3561	7/7	0.92	0.20	84,84,84,84	7
88	MG	1	3891	1/1	0.92	0.19	44,44,44,44	0
88	MG	2	2246	1/1	0.92	0.19	77,77,77,77	0
88	MG	5	4291	1/1	0.92	0.31	43,43,43,43	0
88	MG	4	229	1/1	0.92	0.13	47,47,47,47	0
87	OHX	2	2048	7/7	0.92	0.21	83,83,83,83	7
88	MG	4	232	1/1	0.92	0.15	43,43,43,43	1
87	OHX	5	3697	7/7	0.92	0.10	120,120,120,120	7
87	OHX	1	3507	7/7	0.92	0.24	66,66,66,66	7
88	MG	5	3932	1/1	0.92	0.21	28,28,28,28	0
87	OHX	2	2028	7/7	0.92	0.11	134,134,134,134	7
88	MG	5	4311	1/1	0.92	0.59	31,31,31,31	1
88	MG	1	3898	1/1	0.92	0.19	43,43,43,43	0
88	MG	5	3937	1/1	0.92	0.35	30,30,30,30	0
88	MG	5	3940	1/1	0.92	0.31	32,32,32,32	0
88	MG	5	4319	1/1	0.92	0.20	36,36,36,36	1
88	MG	5	4320	1/1	0.92	0.15	42,42,42,42	1
87	OHX	1	3795	7/7	0.92	0.26	54,54,54,54	7
87	OHX	5	3561	7/7	0.92	0.21	72,72,72,72	7
87	OHX	5	3703	7/7	0.92	0.23	46,46,46,46	7
88	MG	5	4324	1/1	0.92	0.16	53,53,53,53	0
87	OHX	5	3565	7/7	0.92	0.21	78,78,78,78	7
88	MG	5	3948	1/1	0.92	0.29	34,34,34,34	0
88	MG	6	2226	1/1	0.92	0.11	107,107,107,107	0
88	MG	1	3910	1/1	0.92	0.27	34,34,34,34	0
88	MG	1	4359	1/1	0.92	0.20	45,45,45,45	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4360	1/1	0.92	0.17	70,70,70,70	0
88	MG	6	2231	1/1	0.92	0.18	86,86,86,86	0
88	MG	1	3911	1/1	0.92	0.18	48,48,48,48	0
87	OHX	8	206	7/7	0.92	0.16	94,94,94,94	7
88	MG	1	4034	1/1	0.92	0.21	45,45,45,45	0
88	MG	6	2235	1/1	0.92	0.16	76,76,76,76	0
88	MG	1	4366	1/1	0.92	0.07	41,41,41,41	1
87	OHX	L4	401	7/7	0.92	0.22	59,59,59,59	7
88	MG	1	4176	1/1	0.92	0.08	58,58,58,58	0
88	MG	M6	204	1/1	0.92	0.19	39,39,39,39	1
88	MG	1	4038	1/1	0.92	0.15	50,50,50,50	0
88	MG	M7	203	1/1	0.92	0.37	36,36,36,36	0
88	MG	5	4352	1/1	0.92	0.15	45,45,45,45	0
87	OHX	1	3531	7/7	0.92	0.32	47,47,47,47	7
88	MG	5	4356	1/1	0.92	0.19	50,50,50,50	0
88	MG	1	4376	1/1	0.92	0.13	30,30,30,30	0
88	MG	5	3982	1/1	0.92	0.24	35,35,35,35	0
88	MG	1	4386	1/1	0.92	0.17	36,36,36,36	1
87	OHX	5	3573	7/7	0.92	0.22	53,53,53,53	7
88	MG	N3	203	1/1	0.92	0.21	51,51,51,51	0
87	OHX	6	2006	7/7	0.92	0.27	54,54,54,54	7
87	OHX	M0	301	7/7	0.92	0.31	49,49,49,49	7
88	MG	5	4378	1/1	0.92	0.14	47,47,47,47	0
88	MG	5	3995	1/1	0.92	0.47	32,32,32,32	0
87	OHX	5	3767	7/7	0.92	0.27	60,60,60,60	7
87	OHX	1	3539	7/7	0.92	0.18	64,64,64,64	7
87	OHX	5	3712	7/7	0.92	0.26	60,60,60,60	7
87	OHX	1	3581	7/7	0.92	0.29	54,54,54,54	7
88	MG	5	4391	1/1	0.92	0.09	41,41,41,41	0
88	MG	O2	203	1/1	0.92	0.14	44,44,44,44	1
87	OHX	2	2008	7/7	0.92	0.24	83,83,83,83	7
88	MG	1	4052	1/1	0.92	0.12	44,44,44,44	0
88	MG	5	4405	1/1	0.92	0.28	39,39,39,39	0
87	OHX	1	3632	7/7	0.92	0.20	75,75,75,75	7
88	MG	1	4200	1/1	0.92	0.13	60,60,60,60	0
88	MG	5	4411	1/1	0.92	0.12	33,33,33,33	1
87	OHX	14	402	7/7	0.92	0.25	55,55,55,55	7
88	MG	1	4417	1/1	0.92	0.33	41,41,41,41	1
88	MG	5	4417	1/1	0.92	0.15	46,46,46,46	0
88	MG	1	4060	1/1	0.92	0.19	56,56,56,56	0
88	MG	Q0	202	1/1	0.92	0.15	54,54,54,54	0
87	OHX	5	3598	7/7	0.92	0.23	86,86,86,86	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3600	7/7	0.92	0.23	70,70,70,70	7
88	MG	5	4024	1/1	0.92	0.31	38,38,38,38	0
88	MG	1	4421	1/1	0.92	0.24	46,46,46,46	1
88	MG	6	2100	1/1	0.92	0.07	60,60,60,60	0
87	OHX	M8	201	7/7	0.92	0.28	53,53,53,53	7
88	MG	5	4036	1/1	0.92	0.20	35,35,35,35	0
87	OHX	5	3661	7/7	0.92	0.37	47,47,47,47	7
88	MG	6	2288	1/1	0.92	0.12	65,65,65,65	0
88	MG	5	4046	1/1	0.92	0.11	42,42,42,42	0
87	OHX	5	3662	7/7	0.92	0.27	65,65,65,65	7
87	OHX	1	3592	7/7	0.92	0.22	70,70,70,70	7
88	MG	5	4052	1/1	0.92	0.21	40,40,40,40	0
88	MG	6	2107	1/1	0.92	0.19	47,47,47,47	0
87	OHX	6	2088	7/7	0.92	0.24	71,71,71,71	7
88	MG	5	4057	1/1	0.92	0.17	51,51,51,51	0
88	MG	5	4480	1/1	0.92	0.09	39,39,39,39	1
88	MG	1	4219	1/1	0.92	0.29	37,37,37,37	1
88	MG	1	3944	1/1	0.92	0.20	34,34,34,34	0
87	OHX	1	3598	7/7	0.92	0.09	152,152,152,152	7
88	MG	5	4064	1/1	0.92	0.28	42,42,42,42	0
88	MG	5	4500	1/1	0.92	0.16	39,39,39,39	1
88	MG	1	4439	1/1	0.92	0.22	41,41,41,41	1
87	OHX	1	3775	7/7	0.92	0.28	50,50,50,50	7
88	MG	1	4441	1/1	0.92	0.15	41,41,41,41	0
87	OHX	2	1998	7/7	0.92	0.18	94,94,94,94	7
87	OHX	1	3549	7/7	0.92	0.23	60,60,60,60	7
88	MG	6	2118	1/1	0.92	0.23	38,38,38,38	0
88	MG	5	4081	1/1	0.92	0.07	57,57,57,57	0
88	MG	6	2319	1/1	0.92	0.22	57,57,57,57	0
88	MG	1	4226	1/1	0.92	0.27	41,41,41,41	1
88	MG	6	2120	1/1	0.92	0.30	43,43,43,43	0
88	MG	5	4087	1/1	0.92	0.24	53,53,53,53	0
88	MG	1	4082	1/1	0.92	0.07	57,57,57,57	0
88	MG	1	4454	1/1	0.92	0.13	47,47,47,47	0
87	OHX	1	3551	7/7	0.92	0.21	89,89,89,89	7
87	OHX	5	3733	7/7	0.92	0.22	73,73,73,73	7
88	MG	1	4085	1/1	0.92	0.08	44,44,44,44	0
88	MG	1	4236	1/1	0.92	0.15	46,46,46,46	0
88	MG	5	4097	1/1	0.92	0.06	49,49,49,49	0
88	MG	1	4087	1/1	0.92	0.10	39,39,39,39	0
87	OHX	1	3645	7/7	0.92	0.24	52,52,52,52	7
88	MG	1	4090	1/1	0.92	0.23	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3956	1/1	0.92	0.27	43,43,43,43	0
88	MG	5	4561	1/1	0.92	0.10	37,37,37,37	0
88	MG	s8	304	1/1	0.92	0.12	56,56,56,56	0
88	MG	1	4251	1/1	0.92	0.21	48,48,48,48	0
88	MG	1	3957	1/1	0.92	0.35	37,37,37,37	0
88	MG	1	4094	1/1	0.92	0.17	46,46,46,46	0
88	MG	7	214	1/1	0.92	0.29	27,27,27,27	0
88	MG	1	4470	1/1	0.92	0.22	55,55,55,55	0
88	MG	7	217	1/1	0.92	0.24	30,30,30,30	0
88	MG	1	3958	1/1	0.92	0.11	46,46,46,46	0
88	MG	1	4096	1/1	0.92	0.19	44,44,44,44	1
88	MG	1	4475	1/1	0.92	0.18	41,41,41,41	1
87	OHX	5	3676	7/7	0.92	0.30	38,38,38,38	7
87	OHX	1	3604	7/7	0.92	0.22	51,51,51,51	7
88	MG	6	2149	1/1	0.92	0.35	65,65,65,65	0
88	MG	5	4142	1/1	0.92	0.07	43,43,43,43	0
88	MG	1	4270	1/1	0.92	0.13	43,43,43,43	1
88	MG	7	238	1/1	0.92	0.14	50,50,50,50	1
88	MG	1	4100	1/1	0.92	0.28	52,52,52,52	0
88	MG	1	3843	1/1	0.92	0.19	49,49,49,49	0
87	OHX	2	1984	7/7	0.92	0.09	177,177,177,177	7
88	MG	1	3965	1/1	0.92	0.28	41,41,41,41	0
88	MG	1	4283	1/1	0.92	0.48	40,40,40,40	1
87	OHX	6	1980	7/7	0.92	0.24	61,61,61,61	7
88	MG	5	4159	1/1	0.92	0.16	59,59,59,59	0
88	MG	1	4107	1/1	0.92	0.21	40,40,40,40	1
88	MG	5	4161	1/1	0.92	0.05	54,54,54,54	0
88	MG	5	3820	1/1	0.92	0.15	39,39,39,39	0
87	OHX	5	3739	7/7	0.92	0.16	105,105,105,105	7
87	OHX	1	3782	7/7	0.92	0.26	73,73,73,73	7
88	MG	5	4171	1/1	0.92	0.12	86,86,86,86	0
88	MG	5	3828	1/1	0.92	0.26	35,35,35,35	0
88	MG	1	4494	1/1	0.92	0.13	41,41,41,41	0
88	MG	5	3833	1/1	0.92	0.29	33,33,33,33	0
88	MG	l3	407	1/1	0.92	0.31	38,38,38,38	1
88	MG	l3	412	1/1	0.92	0.14	34,34,34,34	0
88	MG	1	4495	1/1	0.92	0.15	60,60,60,60	0
87	OHX	1	3705	7/7	0.92	0.26	59,59,59,59	7
88	MG	1	4114	1/1	0.92	0.22	42,42,42,42	0
87	OHX	5	3624	7/7	0.92	0.23	66,66,66,66	7
88	MG	5	4186	1/1	0.92	0.16	44,44,44,44	1
88	MG	l7	303	1/1	0.92	0.17	34,34,34,34	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4503	1/1	0.92	0.32	36,36,36,36	1
88	MG	17	306	1/1	0.92	0.21	37,37,37,37	1
88	MG	1	3973	1/1	0.92	0.26	41,41,41,41	0
88	MG	6	2173	1/1	0.92	0.20	56,56,56,56	0
87	OHX	c5	201	7/7	0.92	0.11	118,118,118,118	7
87	OHX	5	3800	7/7	0.92	0.20	52,52,52,52	7
88	MG	5	3852	1/1	0.92	0.17	35,35,35,35	0
88	MG	5	4201	1/1	0.92	0.13	60,60,60,60	0
87	OHX	SR	401	7/7	0.92	0.11	130,130,130,130	7
88	MG	5	3859	1/1	0.92	0.23	35,35,35,35	0
88	MG	5	3862	1/1	0.92	0.05	34,34,34,34	0
88	MG	5	4208	1/1	0.92	0.10	41,41,41,41	0
87	OHX	1	3707	7/7	0.92	0.22	67,67,67,67	7
87	OHX	5	3630	7/7	0.92	0.26	42,42,42,42	7
88	MG	1	4305	1/1	0.92	0.51	44,44,44,44	1
88	MG	5	4215	1/1	0.92	0.11	39,39,39,39	0
88	MG	3	216	1/1	0.92	0.30	55,55,55,55	0
88	MG	n8	206	1/1	0.92	0.15	37,37,37,37	1
88	MG	3	218	1/1	0.92	0.29	35,35,35,35	0
87	OHX	6	2032	7/7	0.92	0.22	61,61,61,61	7
87	OHX	1	3557	7/7	0.92	0.17	76,76,76,76	7
88	MG	1	3985	1/1	0.92	0.35	37,37,37,37	0
88	MG	2	2106	1/1	0.92	0.11	60,60,60,60	0
88	MG	5	3887	1/1	0.92	0.23	39,39,39,39	0
88	MG	5	3890	1/1	0.92	0.12	40,40,40,40	1
88	MG	1	4320	1/1	0.92	0.15	54,54,54,54	0
87	OHX	1	3787	7/7	0.92	0.27	68,68,68,68	7
88	MG	6	2193	1/1	0.92	0.12	57,57,57,57	0
87	OHX	1	3674	7/7	0.93	0.25	44,44,44,44	7
88	MG	5	4254	1/1	0.93	0.09	57,57,57,57	0
88	MG	O1	205	1/1	0.93	0.17	65,65,65,65	0
88	MG	5	4258	1/1	0.93	0.12	39,39,39,39	0
88	MG	1	4425	1/1	0.93	0.15	49,49,49,49	1
88	MG	1	4233	1/1	0.93	0.38	54,54,54,54	0
88	MG	1	4234	1/1	0.93	0.11	46,46,46,46	0
87	OHX	5	3635	7/7	0.93	0.10	138,138,138,138	7
88	MG	5	4267	1/1	0.93	0.20	40,40,40,40	1
88	MG	5	3945	1/1	0.93	0.24	28,28,28,28	0
88	MG	5	4275	1/1	0.93	0.31	36,36,36,36	1
88	MG	5	4276	1/1	0.93	0.08	39,39,39,39	0
88	MG	1	3840	1/1	0.93	0.22	39,39,39,39	0
88	MG	1	4098	1/1	0.93	0.31	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3675	7/7	0.93	0.30	42,42,42,42	7
88	MG	5	3955	1/1	0.93	0.28	35,35,35,35	0
88	MG	5	3956	1/1	0.93	0.26	37,37,37,37	0
88	MG	5	3958	1/1	0.93	0.25	44,44,44,44	0
87	OHX	1	3548	7/7	0.93	0.26	60,60,60,60	7
88	MG	5	4295	1/1	0.93	0.12	47,47,47,47	0
88	MG	O7	105	1/1	0.93	0.11	51,51,51,51	0
88	MG	O7	106	1/1	0.93	0.12	59,59,59,59	0
87	OHX	5	3639	7/7	0.93	0.30	53,53,53,53	7
87	OHX	1	3594	7/7	0.93	0.19	100,100,100,100	7
87	OHX	6	2009	7/7	0.93	0.27	56,56,56,56	7
87	OHX	2	1950	7/7	0.93	0.18	97,97,97,97	7
88	MG	5	3968	1/1	0.93	0.26	31,31,31,31	0
87	OHX	1	3599	7/7	0.93	0.10	128,128,128,128	7
88	MG	5	3970	1/1	0.93	0.23	36,36,36,36	0
87	OHX	6	2061	7/7	0.93	0.14	102,102,102,102	7
88	MG	1	4266	1/1	0.93	0.11	77,77,77,77	0
87	OHX	1	3637	7/7	0.93	0.19	89,89,89,89	7
88	MG	5	3974	1/1	0.93	0.32	40,40,40,40	0
88	MG	5	3976	1/1	0.93	0.29	58,58,58,58	0
88	MG	2	2221	1/1	0.93	0.11	61,61,61,61	0
88	MG	1	4457	1/1	0.93	0.16	54,54,54,54	1
87	OHX	1	3640	7/7	0.93	0.17	91,91,91,91	7
88	MG	1	4274	1/1	0.93	0.30	46,46,46,46	1
88	MG	1	3862	1/1	0.93	0.23	49,49,49,49	0
88	MG	5	3984	1/1	0.93	0.14	28,28,28,28	0
88	MG	5	3986	1/1	0.93	0.19	57,57,57,57	0
88	MG	1	4277	1/1	0.93	0.10	40,40,40,40	0
87	OHX	5	3648	7/7	0.93	0.18	65,65,65,65	7
88	MG	6	2284	1/1	0.93	0.27	59,59,59,59	0
88	MG	1	4280	1/1	0.93	0.13	50,50,50,50	0
88	MG	1	3865	1/1	0.93	0.34	62,62,62,62	0
87	OHX	5	3649	7/7	0.93	0.20	64,64,64,64	7
88	MG	1	3984	1/1	0.93	0.09	42,42,42,42	0
87	OHX	2	2031	7/7	0.93	0.17	90,90,90,90	7
88	MG	6	2299	1/1	0.93	0.25	59,59,59,59	0
88	MG	1	4471	1/1	0.93	0.13	62,62,62,62	0
88	MG	5	4348	1/1	0.93	0.10	54,54,54,54	1
88	MG	1	3870	1/1	0.93	0.26	31,31,31,31	0
88	MG	1	3871	1/1	0.93	0.23	35,35,35,35	0
87	OHX	1	3683	7/7	0.93	0.19	61,61,61,61	7
88	MG	1	4476	1/1	0.93	0.14	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1999	7/7	0.93	0.17	94,94,94,94	7
88	MG	5	4357	1/1	0.93	0.19	37,37,37,37	1
88	MG	1	4128	1/1	0.93	0.15	51,51,51,51	0
88	MG	1	4294	1/1	0.93	0.14	53,53,53,53	0
88	MG	2	2091	1/1	0.93	0.23	44,44,44,44	0
88	MG	5	4019	1/1	0.93	0.23	32,32,32,32	0
87	OHX	5	3562	7/7	0.93	0.20	96,96,96,96	7
88	MG	5	4369	1/1	0.93	0.27	38,38,38,38	1
88	MG	5	4370	1/1	0.93	0.10	45,45,45,45	1
88	MG	1	4484	1/1	0.93	0.10	55,55,55,55	0
88	MG	1	4133	1/1	0.93	0.10	38,38,38,38	0
88	MG	1	4001	1/1	0.93	0.18	29,29,29,29	0
88	MG	6	2135	1/1	0.93	0.33	50,50,50,50	0
88	MG	5	4027	1/1	0.93	0.52	30,30,30,30	0
88	MG	5	4028	1/1	0.93	0.08	49,49,49,49	0
88	MG	5	4387	1/1	0.93	0.12	52,52,52,52	0
88	MG	5	4029	1/1	0.93	0.17	43,43,43,43	0
87	OHX	2	1986	7/7	0.93	0.21	80,80,80,80	7
88	MG	5	4033	1/1	0.93	0.23	35,35,35,35	0
88	MG	5	4392	1/1	0.93	0.16	52,52,52,52	1
88	MG	5	4393	1/1	0.93	0.37	38,38,38,38	1
88	MG	5	4395	1/1	0.93	0.12	46,46,46,46	1
87	OHX	5	3567	7/7	0.93	0.22	62,62,62,62	7
87	OHX	1	3648	7/7	0.93	0.27	58,58,58,58	7
88	MG	5	4037	1/1	0.93	0.16	51,51,51,51	0
88	MG	1	3883	1/1	0.93	0.28	31,31,31,31	0
87	OHX	1	3603	7/7	0.93	0.27	55,55,55,55	7
88	MG	5	4041	1/1	0.93	0.14	40,40,40,40	0
88	MG	5	4044	1/1	0.93	0.13	34,34,34,34	0
88	MG	1	4310	1/1	0.93	0.50	40,40,40,40	1
88	MG	1	3889	1/1	0.93	0.29	51,51,51,51	0
88	MG	5	4050	1/1	0.93	0.22	50,50,50,50	0
88	MG	1	4496	1/1	0.93	0.15	49,49,49,49	0
88	MG	2	2237	1/1	0.93	0.15	80,80,80,80	0
87	OHX	1	3447	7/7	0.93	0.22	77,77,77,77	7
88	MG	5	4425	1/1	0.93	0.27	37,37,37,37	1
88	MG	5	4426	1/1	0.93	0.12	45,45,45,45	0
88	MG	1	4501	1/1	0.93	0.09	51,51,51,51	0
87	OHX	5	3575	7/7	0.93	0.17	55,55,55,55	7
88	MG	1	4013	1/1	0.93	0.19	35,35,35,35	0
88	MG	5	4450	1/1	0.93	0.19	47,47,47,47	0
88	MG	5	4059	1/1	0.93	0.10	37,37,37,37	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1971	7/7	0.93	0.25	80,80,80,80	7
88	MG	c8	203	1/1	0.93	0.05	86,86,86,86	0
87	OHX	1	3609	7/7	0.93	0.24	62,62,62,62	7
87	OHX	2	2059	7/7	0.93	0.28	66,66,66,66	7
87	OHX	2	1979	7/7	0.93	0.18	75,75,75,75	7
88	MG	5	4468	1/1	0.93	0.07	42,42,42,42	0
88	MG	1	4331	1/1	0.93	0.31	45,45,45,45	1
88	MG	1	4333	1/1	0.93	0.18	42,42,42,42	0
88	MG	5	4471	1/1	0.93	0.07	39,39,39,39	0
87	OHX	5	3586	7/7	0.93	0.17	83,83,83,83	7
88	MG	1	4151	1/1	0.93	0.11	54,54,54,54	0
88	MG	5	4080	1/1	0.93	0.17	41,41,41,41	0
87	OHX	6	1945	7/7	0.93	0.24	58,58,58,58	7
87	OHX	5	3592	7/7	0.93	0.25	43,43,43,43	7
88	MG	5	4083	1/1	0.93	0.14	36,36,36,36	0
88	MG	5	4485	1/1	0.93	0.08	57,57,57,57	0
87	OHX	1	3526	7/7	0.93	0.17	67,67,67,67	7
87	OHX	2	1935	7/7	0.93	0.13	98,98,98,98	7
87	OHX	1	3806	7/7	0.93	0.18	62,62,62,62	7
88	MG	5	4499	1/1	0.93	0.15	46,46,46,46	0
87	OHX	5	3675	7/7	0.93	0.29	47,47,47,47	7
88	MG	5	3818	1/1	0.93	0.10	48,48,48,48	0
88	MG	5	4506	1/1	0.93	0.17	33,33,33,33	0
88	MG	5	4092	1/1	0.93	0.12	34,34,34,34	0
87	OHX	1	3535	7/7	0.93	0.12	147,147,147,147	7
87	OHX	6	1979	7/7	0.93	0.16	79,79,79,79	7
88	MG	2	2113	1/1	0.93	0.35	68,68,68,68	0
88	MG	5	3824	1/1	0.93	0.24	54,54,54,54	0
87	OHX	1	3617	7/7	0.93	0.19	73,73,73,73	7
88	MG	5	4098	1/1	0.93	0.21	44,44,44,44	0
88	MG	5	3827	1/1	0.93	0.27	43,43,43,43	0
88	MG	5	4102	1/1	0.93	0.17	35,35,35,35	0
88	MG	1	4351	1/1	0.93	0.25	67,67,67,67	0
88	MG	5	3829	1/1	0.93	0.29	59,59,59,59	0
88	MG	5	4111	1/1	0.93	0.12	35,35,35,35	0
88	MG	1	4175	1/1	0.93	0.18	53,53,53,53	1
88	MG	5	3831	1/1	0.93	0.19	37,37,37,37	0
88	MG	1	4353	1/1	0.93	0.07	49,49,49,49	0
87	OHX	5	3605	7/7	0.93	0.18	96,96,96,96	7
88	MG	5	4126	1/1	0.93	0.11	35,35,35,35	1
87	OHX	1	3575	7/7	0.93	0.29	53,53,53,53	7
88	MG	5	4129	1/1	0.93	0.12	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4558	1/1	0.93	0.12	68,68,68,68	0
87	OHX	6	2083	7/7	0.93	0.20	82,82,82,82	7
88	MG	S6	301	1/1	0.93	0.08	103,103,103,103	0
88	MG	1	3922	1/1	0.93	0.25	34,34,34,34	0
87	OHX	2	2004	7/7	0.93	0.15	89,89,89,89	7
88	MG	6	2190	1/1	0.93	0.09	44,44,44,44	0
88	MG	5	4137	1/1	0.93	0.15	54,54,54,54	0
88	MG	5	4573	1/1	0.93	0.19	44,44,44,44	0
87	OHX	1	3622	7/7	0.93	0.18	84,84,84,84	7
88	MG	5	3848	1/1	0.93	0.25	40,40,40,40	0
88	MG	C8	203	1/1	0.93	0.12	96,96,96,96	0
88	MG	D0	201	1/1	0.93	0.32	71,71,71,71	0
88	MG	5	3853	1/1	0.93	0.10	47,47,47,47	0
88	MG	1	3932	1/1	0.93	0.36	31,31,31,31	0
88	MG	6	2195	1/1	0.93	0.25	46,46,46,46	0
88	MG	7	225	1/1	0.93	0.20	64,64,64,64	0
87	OHX	3	202	7/7	0.93	0.28	48,48,48,48	7
88	MG	5	4153	1/1	0.93	0.29	51,51,51,51	0
88	MG	7	231	1/1	0.93	0.10	50,50,50,50	0
88	MG	5	4154	1/1	0.93	0.06	45,45,45,45	0
88	MG	4	234	1/1	0.93	0.13	90,90,90,90	1
87	OHX	6	1988	7/7	0.93	0.25	57,57,57,57	7
87	OHX	3	206	7/7	0.93	0.21	81,81,81,81	7
87	OHX	6	2091	7/7	0.93	0.13	96,96,96,96	7
88	MG	1	4375	1/1	0.93	0.12	33,33,33,33	0
88	MG	5	3873	1/1	0.93	0.25	38,38,38,38	0
88	MG	8	225	1/1	0.93	0.19	55,55,55,55	0
88	MG	8	226	1/1	0.93	0.11	63,63,63,63	0
88	MG	5	4165	1/1	0.93	0.08	43,43,43,43	0
87	OHX	1	3580	7/7	0.93	0.14	106,106,106,106	7
88	MG	5	3875	1/1	0.93	0.21	33,33,33,33	0
88	MG	1	4382	1/1	0.93	0.12	53,53,53,53	0
88	MG	4	243	1/1	0.93	0.73	41,41,41,41	1
88	MG	1	4384	1/1	0.93	0.26	35,35,35,35	1
88	MG	L2	303	1/1	0.93	0.07	53,53,53,53	0
88	MG	8	238	1/1	0.93	0.15	45,45,45,45	0
88	MG	5	4177	1/1	0.93	0.13	55,55,55,55	0
88	MG	5	3889	1/1	0.93	0.16	47,47,47,47	0
88	MG	5	4179	1/1	0.93	0.12	54,54,54,54	0
88	MG	L3	404	1/1	0.93	0.17	42,42,42,42	1
88	MG	1	4069	1/1	0.93	0.11	37,37,37,37	0
88	MG	1	4389	1/1	0.93	0.17	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	l3	405	1/1	0.93	0.09	35,35,35,35	0
87	OHX	8	210	7/7	0.93	0.29	49,49,49,49	7
88	MG	l3	409	1/1	0.93	0.08	41,41,41,41	1
88	MG	5	3895	1/1	0.93	0.21	32,32,32,32	0
88	MG	1	4071	1/1	0.93	0.15	43,43,43,43	0
87	OHX	2	1993	7/7	0.93	0.19	80,80,80,80	7
88	MG	5	3899	1/1	0.93	0.13	61,61,61,61	0
87	OHX	8	214	7/7	0.93	0.18	100,100,100,100	7
88	MG	M1	202	1/1	0.93	0.21	72,72,72,72	0
88	MG	5	3902	1/1	0.93	0.20	48,48,48,48	0
88	MG	5	4202	1/1	0.93	0.10	40,40,40,40	0
88	MG	1	4211	1/1	0.93	0.32	37,37,37,37	0
88	MG	l7	307	1/1	0.93	0.11	38,38,38,38	1
87	OHX	6	1994	7/7	0.93	0.16	76,76,76,76	7
88	MG	1	4399	1/1	0.93	0.21	65,65,65,65	0
88	MG	m3	201	1/1	0.93	0.52	55,55,55,55	1
87	OHX	6	1996	7/7	0.93	0.15	90,90,90,90	7
88	MG	5	3910	1/1	0.93	0.33	33,33,33,33	0
88	MG	5	3911	1/1	0.93	0.11	39,39,39,39	0
88	MG	1	3821	1/1	0.93	0.23	38,38,38,38	0
87	OHX	2	1947	7/7	0.93	0.10	130,130,130,130	7
88	MG	5	4218	1/1	0.93	0.10	49,49,49,49	0
87	OHX	1	3591	7/7	0.93	0.17	95,95,95,95	7
88	MG	n0	205	1/1	0.93	0.18	41,41,41,41	1
87	OHX	1	3746	7/7	0.93	0.27	46,46,46,46	7
88	MG	N1	201	1/1	0.93	0.22	42,42,42,42	1
87	OHX	4	208	7/7	0.93	0.15	85,85,85,85	7
88	MG	5	3923	1/1	0.93	0.19	38,38,38,38	0
88	MG	1	3954	1/1	0.93	0.33	32,32,32,32	0
88	MG	5	3926	1/1	0.93	0.17	34,34,34,34	0
88	MG	5	4229	1/1	0.93	0.28	58,58,58,58	1
88	MG	n9	102	1/1	0.93	0.10	37,37,37,37	0
87	OHX	4	210	7/7	0.93	0.16	101,101,101,101	7
87	OHX	c1	201	7/7	0.93	0.21	79,79,79,79	7
88	MG	2	2206	1/1	0.93	0.10	58,58,58,58	0
88	MG	o3	204	1/1	0.93	0.18	37,37,37,37	1
87	OHX	1	3631	7/7	0.93	0.29	45,45,45,45	7
88	MG	5	4240	1/1	0.93	0.21	58,58,58,58	0
88	MG	5	4241	1/1	0.93	0.07	65,65,65,65	0
88	MG	N8	207	1/1	0.93	0.41	39,39,39,39	1
88	MG	N9	102	1/1	0.93	0.12	38,38,38,38	0
88	MG	5	3935	1/1	0.93	0.25	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3959	1/1	0.93	0.26	31,31,31,31	0
88	MG	5	3980	1/1	0.94	0.15	50,50,50,50	0
88	MG	1	4264	1/1	0.94	0.18	32,32,32,32	0
88	MG	6	2101	1/1	0.94	0.31	39,39,39,39	0
87	OHX	1	3528	7/7	0.94	0.25	59,59,59,59	7
88	MG	6	2292	1/1	0.94	0.68	50,50,50,50	1
88	MG	6	2103	1/1	0.94	0.16	66,66,66,66	0
87	OHX	4	209	7/7	0.94	0.25	45,45,45,45	7
87	OHX	1	3562	7/7	0.94	0.15	92,92,92,92	7
88	MG	1	4112	1/1	0.94	0.21	36,36,36,36	0
88	MG	1	4273	1/1	0.94	0.11	37,37,37,37	0
88	MG	5	3993	1/1	0.94	0.20	31,31,31,31	0
88	MG	5	4312	1/1	0.94	0.10	74,74,74,74	0
87	OHX	4	211	7/7	0.94	0.13	99,99,99,99	7
88	MG	5	4314	1/1	0.94	0.25	64,64,64,64	0
88	MG	5	3996	1/1	0.94	0.23	34,34,34,34	0
88	MG	5	3997	1/1	0.94	0.23	36,36,36,36	0
88	MG	1	4115	1/1	0.94	0.20	52,52,52,52	0
87	OHX	2	1949	7/7	0.94	0.12	108,108,108,108	7
88	MG	1	4466	1/1	0.94	0.35	35,35,35,35	1
87	OHX	5	3587	7/7	0.94	0.21	52,52,52,52	7
88	MG	1	3873	1/1	0.94	0.24	39,39,39,39	0
88	MG	1	3986	1/1	0.94	0.19	31,31,31,31	0
88	MG	6	2315	1/1	0.94	0.09	54,54,54,54	0
88	MG	6	2316	1/1	0.94	0.18	60,60,60,60	1
88	MG	5	4010	1/1	0.94	0.18	30,30,30,30	0
87	OHX	5	3589	7/7	0.94	0.28	44,44,44,44	7
87	OHX	6	1992	7/7	0.94	0.16	71,71,71,71	7
87	OHX	5	3790	7/7	0.94	0.20	57,57,57,57	7
88	MG	5	4335	1/1	0.94	0.22	43,43,43,43	0
88	MG	5	4017	1/1	0.94	0.38	36,36,36,36	0
88	MG	1	3993	1/1	0.94	0.35	43,43,43,43	0
87	OHX	5	3728	7/7	0.94	0.20	49,49,49,49	7
88	MG	6	2324	1/1	0.94	0.21	47,47,47,47	1
87	OHX	5	3729	7/7	0.94	0.19	57,57,57,57	7
88	MG	6	2122	1/1	0.94	0.15	49,49,49,49	0
88	MG	1	3998	1/1	0.94	0.34	36,36,36,36	0
87	OHX	5	3730	7/7	0.94	0.21	70,70,70,70	7
87	OHX	2	1955	7/7	0.94	0.17	91,91,91,91	7
87	OHX	2	1983	7/7	0.94	0.16	70,70,70,70	7
87	OHX	1	3793	7/7	0.94	0.15	85,85,85,85	7
88	MG	1	4483	1/1	0.94	0.18	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4031	1/1	0.94	0.10	46,46,46,46	0
87	OHX	2	2033	7/7	0.94	0.10	113,113,113,113	7
87	OHX	5	3798	7/7	0.94	0.22	55,55,55,55	7
87	OHX	1	3542	7/7	0.94	0.20	52,52,52,52	7
88	MG	5	4359	1/1	0.94	0.08	42,42,42,42	0
88	MG	6	2134	1/1	0.94	0.22	42,42,42,42	0
88	MG	1	4303	1/1	0.94	0.11	58,58,58,58	1
87	OHX	1	3638	7/7	0.94	0.21	52,52,52,52	7
87	OHX	1	3639	7/7	0.94	0.21	52,52,52,52	7
87	OHX	2	1974	7/7	0.94	0.09	137,137,137,137	7
88	MG	5	4367	1/1	0.94	0.12	38,38,38,38	1
88	MG	5	4045	1/1	0.94	0.13	48,48,48,48	0
88	MG	1	4492	1/1	0.94	0.10	56,56,56,56	1
87	OHX	6	2002	7/7	0.94	0.21	52,52,52,52	7
87	OHX	5	3607	7/7	0.94	0.24	52,52,52,52	7
88	MG	1	4017	1/1	0.94	0.31	37,37,37,37	0
88	MG	1	4317	1/1	0.94	0.62	44,44,44,44	1
88	MG	2	2258	1/1	0.94	0.14	74,74,74,74	1
88	MG	5	4383	1/1	0.94	0.12	45,45,45,45	0
88	MG	6	2148	1/1	0.94	0.39	45,45,45,45	0
88	MG	1	4498	1/1	0.94	0.10	46,46,46,46	0
88	MG	d9	103	1/1	0.94	0.15	83,83,83,83	1
88	MG	1	4319	1/1	0.94	0.34	42,42,42,42	1
87	OHX	1	3579	7/7	0.94	0.24	54,54,54,54	7
88	MG	5	4061	1/1	0.94	0.12	39,39,39,39	0
87	OHX	5	3609	7/7	0.94	0.20	70,70,70,70	7
88	MG	5	3816	1/1	0.94	0.17	32,32,32,32	0
87	OHX	6	2004	7/7	0.94	0.25	54,54,54,54	7
88	MG	5	4398	1/1	0.94	0.17	42,42,42,42	1
88	MG	1	4024	1/1	0.94	0.16	48,48,48,48	0
88	MG	1	4026	1/1	0.94	0.20	46,46,46,46	0
88	MG	5	4071	1/1	0.94	0.24	36,36,36,36	0
88	MG	5	4408	1/1	0.94	0.22	39,39,39,39	0
88	MG	1	4506	1/1	0.94	0.07	50,50,50,50	0
88	MG	5	4073	1/1	0.94	0.06	34,34,34,34	0
87	OHX	1	3547	7/7	0.94	0.18	65,65,65,65	7
88	MG	5	3823	1/1	0.94	0.32	46,46,46,46	0
88	MG	5	4076	1/1	0.94	0.13	37,37,37,37	0
88	MG	5	4416	1/1	0.94	0.18	40,40,40,40	1
88	MG	5	4078	1/1	0.94	0.17	62,62,62,62	0
88	MG	5	4079	1/1	0.94	0.20	36,36,36,36	1
87	OHX	1	3739	7/7	0.94	0.17	76,76,76,76	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4422	1/1	0.94	0.08	62,62,62,62	0
88	MG	5	4423	1/1	0.94	0.23	39,39,39,39	1
87	OHX	2	1996	7/7	0.94	0.15	93,93,93,93	7
87	OHX	2	1985	7/7	0.94	0.19	59,59,59,59	7
88	MG	1	4159	1/1	0.94	0.28	52,52,52,52	0
88	MG	1	4033	1/1	0.94	0.31	45,45,45,45	0
87	OHX	1	3711	7/7	0.94	0.20	77,77,77,77	7
88	MG	1	4339	1/1	0.94	0.17	62,62,62,62	0
88	MG	5	4441	1/1	0.94	0.19	32,32,32,32	1
88	MG	5	4445	1/1	0.94	0.18	48,48,48,48	0
88	MG	1	4035	1/1	0.94	0.14	32,32,32,32	0
88	MG	D4	201	1/1	0.94	0.21	83,83,83,83	0
88	MG	5	3836	1/1	0.94	0.27	60,60,60,60	0
87	OHX	7	208	7/7	0.94	0.25	54,54,54,54	7
88	MG	5	4455	1/1	0.94	0.12	36,36,36,36	1
88	MG	5	4458	1/1	0.94	0.10	54,54,54,54	0
87	OHX	1	3616	7/7	0.94	0.25	60,60,60,60	7
88	MG	D9	104	1/1	0.94	0.11	85,85,85,85	0
88	MG	D9	105	1/1	0.94	0.08	76,76,76,76	0
87	OHX	6	2011	7/7	0.94	0.25	57,57,57,57	7
87	OHX	2	1976	7/7	0.94	0.21	92,92,92,92	7
88	MG	5	4099	1/1	0.94	0.29	35,35,35,35	0
88	MG	1	3924	1/1	0.94	0.22	43,43,43,43	0
88	MG	1	4179	1/1	0.94	0.25	37,37,37,37	0
88	MG	5	3849	1/1	0.94	0.28	43,43,43,43	0
88	MG	1	3925	1/1	0.94	0.33	40,40,40,40	0
88	MG	5	4107	1/1	0.94	0.17	36,36,36,36	0
88	MG	5	4108	1/1	0.94	0.11	28,28,28,28	0
88	MG	5	4110	1/1	0.94	0.28	43,43,43,43	0
88	MG	6	2182	1/1	0.94	0.12	51,51,51,51	0
88	MG	5	4114	1/1	0.94	0.12	32,32,32,32	1
88	MG	1	4182	1/1	0.94	0.10	43,43,43,43	0
88	MG	2	2195	1/1	0.94	0.34	65,65,65,65	0
87	OHX	6	2058	7/7	0.94	0.10	148,148,148,148	7
88	MG	5	3861	1/1	0.94	0.24	44,44,44,44	0
88	MG	4	221	1/1	0.94	0.36	46,46,46,46	0
87	OHX	1	3653	7/7	0.94	0.24	40,40,40,40	7
88	MG	5	4508	1/1	0.94	0.08	53,53,53,53	1
88	MG	4	224	1/1	0.94	0.39	55,55,55,55	0
87	OHX	1	3747	7/7	0.94	0.09	146,146,146,146	7
88	MG	1	4358	1/1	0.94	0.20	42,42,42,42	0
88	MG	5	4515	1/1	0.94	0.11	42,42,42,42	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3870	1/1	0.94	0.17	43,43,43,43	0
88	MG	5	4522	1/1	0.94	0.18	51,51,51,51	1
87	OHX	5	3628	7/7	0.94	0.18	63,63,63,63	7
87	OHX	8	211	7/7	0.94	0.15	105,105,105,105	7
88	MG	4	230	1/1	0.94	0.19	56,56,56,56	0
88	MG	1	4061	1/1	0.94	0.17	50,50,50,50	0
88	MG	5	3876	1/1	0.94	0.25	34,34,34,34	0
88	MG	5	3879	1/1	0.94	0.27	41,41,41,41	0
88	MG	5	4145	1/1	0.94	0.15	50,50,50,50	0
88	MG	5	4146	1/1	0.94	0.13	41,41,41,41	1
88	MG	5	4540	1/1	0.94	0.19	37,37,37,37	0
88	MG	5	4541	1/1	0.94	0.34	34,34,34,34	1
88	MG	5	3880	1/1	0.94	0.17	40,40,40,40	0
88	MG	5	3881	1/1	0.94	0.29	58,58,58,58	0
87	OHX	5	3507	7/7	0.94	0.20	61,61,61,61	7
88	MG	1	4364	1/1	0.94	0.09	38,38,38,38	0
87	OHX	1	3655	7/7	0.94	0.28	48,48,48,48	7
88	MG	1	3824	1/1	0.94	0.17	40,40,40,40	0
87	OHX	5	3522	7/7	0.94	0.26	46,46,46,46	7
88	MG	1	3940	1/1	0.94	0.21	35,35,35,35	0
87	OHX	5	3527	7/7	0.94	0.19	57,57,57,57	7
87	OHX	6	1944	7/7	0.94	0.16	60,60,60,60	7
88	MG	5	3893	1/1	0.94	0.24	52,52,52,52	0
88	MG	5	4562	1/1	0.94	0.11	40,40,40,40	0
88	MG	1	3829	1/1	0.94	0.22	84,84,84,84	0
87	OHX	5	3761	7/7	0.94	0.19	42,42,42,42	7
88	MG	1	4378	1/1	0.94	0.14	70,70,70,70	0
88	MG	5	3897	1/1	0.94	0.11	67,67,67,67	0
88	MG	5	4168	1/1	0.94	0.21	40,40,40,40	0
88	MG	6	2209	1/1	0.94	0.09	46,46,46,46	0
88	MG	1	4380	1/1	0.94	0.10	64,64,64,64	0
88	MG	7	216	1/1	0.94	0.38	43,43,43,43	0
88	MG	6	2211	1/1	0.94	0.06	50,50,50,50	0
87	OHX	1	3618	7/7	0.94	0.20	56,56,56,56	7
88	MG	7	220	1/1	0.94	0.08	41,41,41,41	0
87	OHX	5	3537	7/7	0.94	0.26	55,55,55,55	7
88	MG	7	223	1/1	0.94	0.07	55,55,55,55	0
88	MG	1	4213	1/1	0.94	0.26	39,39,39,39	1
88	MG	L4	408	1/1	0.94	0.22	34,34,34,34	1
88	MG	L7	302	1/1	0.94	0.09	44,44,44,44	0
87	OHX	6	1959	7/7	0.94	0.24	57,57,57,57	7
88	MG	1	4216	1/1	0.94	0.18	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4217	1/1	0.94	0.21	43,43,43,43	0
88	MG	5	4184	1/1	0.94	0.13	45,45,45,45	0
88	MG	M0	307	1/1	0.94	0.18	45,45,45,45	0
88	MG	1	3950	1/1	0.94	0.22	47,47,47,47	0
88	MG	5	3915	1/1	0.94	0.14	44,44,44,44	0
87	OHX	1	3519	7/7	0.94	0.18	95,95,95,95	7
88	MG	6	2227	1/1	0.94	0.11	52,52,52,52	0
88	MG	5	4195	1/1	0.94	0.14	41,41,41,41	0
88	MG	1	3837	1/1	0.94	0.14	55,55,55,55	0
88	MG	8	227	1/1	0.94	0.18	61,61,61,61	0
87	OHX	5	3704	7/7	0.94	0.26	43,43,43,43	7
87	OHX	6	2021	7/7	0.94	0.19	53,53,53,53	7
88	MG	M6	201	1/1	0.94	0.26	40,40,40,40	1
87	OHX	5	3550	7/7	0.94	0.18	57,57,57,57	7
88	MG	5	4204	1/1	0.94	0.30	32,32,32,32	0
88	MG	8	234	1/1	0.94	0.18	41,41,41,41	1
88	MG	1	3842	1/1	0.94	0.14	35,35,35,35	0
87	OHX	5	3553	7/7	0.94	0.19	49,49,49,49	7
88	MG	1	4403	1/1	0.94	0.42	47,47,47,47	1
88	MG	6	2237	1/1	0.94	0.17	55,55,55,55	0
87	OHX	6	1963	7/7	0.94	0.18	72,72,72,72	7
88	MG	6	2239	1/1	0.94	0.15	56,56,56,56	1
88	MG	l2	304	1/1	0.94	0.27	44,44,44,44	1
88	MG	N0	202	1/1	0.94	0.20	51,51,51,51	1
88	MG	5	4216	1/1	0.94	0.18	49,49,49,49	1
88	MG	1	4408	1/1	0.94	0.24	32,32,32,32	1
87	OHX	1	3525	7/7	0.94	0.24	66,66,66,66	7
88	MG	5	3938	1/1	0.94	0.20	40,40,40,40	0
88	MG	1	3846	1/1	0.94	0.16	37,37,37,37	0
88	MG	1	4413	1/1	0.94	0.17	44,44,44,44	1
88	MG	1	4231	1/1	0.94	0.13	49,49,49,49	1
87	OHX	3	207	7/7	0.94	0.14	85,85,85,85	7
88	MG	1	3848	1/1	0.94	0.31	30,30,30,30	0
88	MG	5	4227	1/1	0.94	0.17	35,35,35,35	1
88	MG	N8	204	1/1	0.94	0.10	48,48,48,48	0
88	MG	5	3946	1/1	0.94	0.40	36,36,36,36	0
88	MG	N8	206	1/1	0.94	0.24	39,39,39,39	0
88	MG	5	3950	1/1	0.94	0.25	40,40,40,40	0
87	OHX	6	1969	7/7	0.94	0.18	68,68,68,68	7
88	MG	6	2257	1/1	0.94	0.14	72,72,72,72	0
88	MG	l9	204	1/1	0.94	0.17	41,41,41,41	1
88	MG	1	4235	1/1	0.94	0.08	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4242	1/1	0.94	0.16	45,45,45,45	0
88	MG	1	3851	1/1	0.94	0.17	32,32,32,32	0
88	MG	m5	505	1/1	0.94	0.12	58,58,58,58	0
88	MG	m6	202	1/1	0.94	0.18	36,36,36,36	1
88	MG	5	4244	1/1	0.94	0.23	39,39,39,39	1
88	MG	m7	202	1/1	0.94	0.33	36,36,36,36	0
88	MG	1	3967	1/1	0.94	0.15	43,43,43,43	0
88	MG	1	4239	1/1	0.94	0.19	45,45,45,45	0
88	MG	5	4249	1/1	0.94	0.06	44,44,44,44	0
88	MG	5	4250	1/1	0.94	0.06	38,38,38,38	1
87	OHX	6	2026	7/7	0.94	0.10	151,151,151,151	7
88	MG	1	4244	1/1	0.94	0.26	55,55,55,55	0
87	OHX	5	3713	7/7	0.94	0.24	56,56,56,56	7
88	MG	O3	202	1/1	0.94	0.25	38,38,38,38	1
88	MG	n3	204	1/1	0.94	0.17	42,42,42,42	0
88	MG	1	4246	1/1	0.94	0.09	53,53,53,53	1
88	MG	1	4247	1/1	0.94	0.57	45,45,45,45	1
88	MG	5	4260	1/1	0.94	0.24	63,63,63,63	0
87	OHX	1	3595	7/7	0.94	0.21	42,42,42,42	7
88	MG	1	4102	1/1	0.94	0.11	45,45,45,45	0
87	OHX	1	3597	7/7	0.94	0.26	49,49,49,49	7
88	MG	o2	201	1/1	0.94	0.14	35,35,35,35	1
87	OHX	1	3624	7/7	0.94	0.15	74,74,74,74	7
88	MG	5	4268	1/1	0.94	0.20	48,48,48,48	0
88	MG	1	4443	1/1	0.94	0.15	44,44,44,44	0
88	MG	o3	203	1/1	0.94	0.10	40,40,40,40	1
88	MG	5	4271	1/1	0.94	0.48	36,36,36,36	1
88	MG	5	4273	1/1	0.94	0.14	35,35,35,35	1
87	OHX	2	1963	7/7	0.94	0.19	83,83,83,83	7
88	MG	1	4256	1/1	0.94	0.08	40,40,40,40	0
88	MG	1	4106	1/1	0.94	0.29	51,51,51,51	0
88	MG	1	4259	1/1	0.94	0.06	45,45,45,45	1
87	OHX	1	3527	7/7	0.94	0.23	49,49,49,49	7
88	MG	6	2285	1/1	0.94	0.21	68,68,68,68	1
88	MG	6	2246	1/1	0.95	0.11	50,50,50,50	1
87	OHX	2	1932	7/7	0.95	0.12	92,92,92,92	7
88	MG	5	4277	1/1	0.95	0.44	44,44,44,44	1
87	OHX	1	3583	7/7	0.95	0.18	77,77,77,77	7
88	MG	5	4283	1/1	0.95	0.16	39,39,39,39	1
88	MG	L7	303	1/1	0.95	0.11	42,42,42,42	0
88	MG	1	4349	1/1	0.95	0.10	59,59,59,59	0
87	OHX	1	3585	7/7	0.95	0.18	50,50,50,50	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3539	7/7	0.95	0.21	60,60,60,60	7
88	MG	5	4290	1/1	0.95	0.09	39,39,39,39	0
87	OHX	5	3540	7/7	0.95	0.16	99,99,99,99	7
87	OHX	5	3673	7/7	0.95	0.18	48,48,48,48	7
87	OHX	1	3654	7/7	0.95	0.20	49,49,49,49	7
88	MG	5	4296	1/1	0.95	0.09	32,32,32,32	0
88	MG	5	3975	1/1	0.95	0.26	48,48,48,48	0
88	MG	2	2141	1/1	0.95	0.23	67,67,67,67	0
87	OHX	1	3512	7/7	0.95	0.17	65,65,65,65	7
87	OHX	5	3547	7/7	0.95	0.16	66,66,66,66	7
87	OHX	5	3548	7/7	0.95	0.18	47,47,47,47	7
87	OHX	5	3549	7/7	0.95	0.14	84,84,84,84	7
87	OHX	1	3513	7/7	0.95	0.23	61,61,61,61	7
88	MG	1	4154	1/1	0.95	0.37	42,42,42,42	1
88	MG	M7	205	1/1	0.95	0.20	42,42,42,42	0
88	MG	M7	209	1/1	0.95	0.09	42,42,42,42	0
87	OHX	5	3552	7/7	0.95	0.14	107,107,107,107	7
88	MG	5	4316	1/1	0.95	0.23	35,35,35,35	1
88	MG	1	4156	1/1	0.95	0.12	46,46,46,46	0
88	MG	M9	205	1/1	0.95	0.19	68,68,68,68	1
88	MG	6	2276	1/1	0.95	0.25	40,40,40,40	0
87	OHX	2	1969	7/7	0.95	0.16	62,62,62,62	7
88	MG	1	4158	1/1	0.95	0.07	42,42,42,42	0
87	OHX	5	3555	7/7	0.95	0.22	53,53,53,53	7
88	MG	1	4160	1/1	0.95	0.22	62,62,62,62	0
88	MG	6	2282	1/1	0.95	0.24	55,55,55,55	0
88	MG	1	4162	1/1	0.95	0.14	36,36,36,36	0
88	MG	1	3983	1/1	0.95	0.17	40,40,40,40	0
88	MG	5	4329	1/1	0.95	0.10	43,43,43,43	0
88	MG	1	4166	1/1	0.95	0.18	45,45,45,45	0
88	MG	6	2286	1/1	0.95	0.17	65,65,65,65	0
87	OHX	5	3683	7/7	0.95	0.24	46,46,46,46	7
88	MG	5	4005	1/1	0.95	0.21	38,38,38,38	0
87	OHX	2	1933	7/7	0.95	0.22	71,71,71,71	7
88	MG	5	4007	1/1	0.95	0.20	33,33,33,33	0
88	MG	N8	205	1/1	0.95	0.18	31,31,31,31	1
88	MG	6	2291	1/1	0.95	0.07	65,65,65,65	0
88	MG	1	3822	1/1	0.95	0.18	43,43,43,43	0
88	MG	6	2293	1/1	0.95	0.20	46,46,46,46	1
88	MG	1	4170	1/1	0.95	0.35	35,35,35,35	0
88	MG	5	4015	1/1	0.95	0.51	30,30,30,30	0
88	MG	N8	208	1/1	0.95	0.16	45,45,45,45	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2297	1/1	0.95	0.19	70,70,70,70	1
88	MG	6	2298	1/1	0.95	0.12	86,86,86,86	0
87	OHX	5	3558	7/7	0.95	0.20	51,51,51,51	7
87	OHX	5	3559	7/7	0.95	0.15	93,93,93,93	7
88	MG	1	3825	1/1	0.95	0.12	58,58,58,58	0
87	OHX	5	3803	7/7	0.95	0.10	147,147,147,147	7
88	MG	1	3994	1/1	0.95	0.24	27,27,27,27	0
88	MG	5	4025	1/1	0.95	0.24	26,26,26,26	0
87	OHX	6	1950	7/7	0.95	0.11	100,100,100,100	7
87	OHX	6	1953	7/7	0.95	0.09	137,137,137,137	7
87	OHX	6	1954	7/7	0.95	0.10	149,149,149,149	7
88	MG	6	2309	1/1	0.95	0.24	65,65,65,65	0
88	MG	6	2311	1/1	0.95	0.07	60,60,60,60	1
87	OHX	5	3564	7/7	0.95	0.25	53,53,53,53	7
87	OHX	1	3521	7/7	0.95	0.27	44,44,44,44	7
87	OHX	1	3596	7/7	0.95	0.18	68,68,68,68	7
88	MG	5	4371	1/1	0.95	0.17	61,61,61,61	0
87	OHX	6	1962	7/7	0.95	0.21	62,62,62,62	7
88	MG	5	4375	1/1	0.95	0.12	37,37,37,37	1
88	MG	5	4376	1/1	0.95	0.09	45,45,45,45	0
87	OHX	5	3570	7/7	0.95	0.19	53,53,53,53	7
88	MG	1	3836	1/1	0.95	0.20	43,43,43,43	0
87	OHX	2	1972	7/7	0.95	0.20	81,81,81,81	7
88	MG	1	4405	1/1	0.95	0.15	46,46,46,46	0
88	MG	5	4043	1/1	0.95	0.10	40,40,40,40	1
88	MG	6	2322	1/1	0.95	0.13	62,62,62,62	0
87	OHX	5	3572	7/7	0.95	0.18	56,56,56,56	7
87	OHX	2	2073	7/7	0.95	0.18	89,89,89,89	7
88	MG	5	4389	1/1	0.95	0.15	34,34,34,34	0
88	MG	5	4048	1/1	0.95	0.20	39,39,39,39	0
87	OHX	1	3663	7/7	0.95	0.18	49,49,49,49	7
88	MG	Q2	505	1/1	0.95	0.09	45,45,45,45	1
88	MG	6	2329	1/1	0.95	0.08	48,48,48,48	0
88	MG	6	2330	1/1	0.95	0.27	55,55,55,55	1
88	MG	5	4053	1/1	0.95	0.07	45,45,45,45	0
88	MG	5	4397	1/1	0.95	0.24	48,48,48,48	0
88	MG	1	4412	1/1	0.95	0.21	60,60,60,60	0
87	OHX	7	205	7/7	0.95	0.21	68,68,68,68	7
88	MG	1	4414	1/1	0.95	0.16	60,60,60,60	1
88	MG	1	4415	1/1	0.95	0.13	34,34,34,34	1
88	MG	5	4407	1/1	0.95	0.09	55,55,55,55	0
87	OHX	2	1973	7/7	0.95	0.15	103,103,103,103	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4016	1/1	0.95	0.33	32,32,32,32	0
87	OHX	5	3578	7/7	0.95	0.19	67,67,67,67	7
88	MG	5	4062	1/1	0.95	0.12	53,53,53,53	0
88	MG	1	4018	1/1	0.95	0.35	22,22,22,22	0
88	MG	5	4413	1/1	0.95	0.13	56,56,56,56	0
87	OHX	2	2023	7/7	0.95	0.15	71,71,71,71	7
88	MG	5	4065	1/1	0.95	0.12	50,50,50,50	0
87	OHX	6	1976	7/7	0.95	0.11	95,95,95,95	7
87	OHX	1	3790	7/7	0.95	0.18	68,68,68,68	7
88	MG	5	4069	1/1	0.95	0.08	36,36,36,36	0
88	MG	c7	201	1/1	0.95	0.14	81,81,81,81	1
87	OHX	8	204	7/7	0.95	0.17	66,66,66,66	7
87	OHX	1	3529	7/7	0.95	0.09	129,129,129,129	7
87	OHX	1	3530	7/7	0.95	0.19	65,65,65,65	7
88	MG	1	4027	1/1	0.95	0.31	44,44,44,44	0
87	OHX	8	209	7/7	0.95	0.18	88,88,88,88	7
87	OHX	5	3588	7/7	0.95	0.18	63,63,63,63	7
88	MG	5	4439	1/1	0.95	0.12	32,32,32,32	0
88	MG	5	4077	1/1	0.95	0.15	48,48,48,48	0
87	OHX	1	3730	7/7	0.95	0.20	52,52,52,52	7
88	MG	5	4442	1/1	0.95	0.14	45,45,45,45	0
88	MG	1	3857	1/1	0.95	0.19	40,40,40,40	0
87	OHX	6	1983	7/7	0.95	0.16	95,95,95,95	7
88	MG	1	4221	1/1	0.95	0.20	37,37,37,37	1
88	MG	d4	202	1/1	0.95	0.12	55,55,55,55	0
87	OHX	2	1931	7/7	0.95	0.12	116,116,116,116	7
88	MG	5	4454	1/1	0.95	0.23	38,38,38,38	1
87	OHX	5	3593	7/7	0.95	0.22	46,46,46,46	7
88	MG	2	2184	1/1	0.95	0.12	59,59,59,59	0
87	OHX	5	3595	7/7	0.95	0.18	56,56,56,56	7
88	MG	sM	202	1/1	0.95	0.09	44,44,44,44	0
88	MG	5	4090	1/1	0.95	0.17	52,52,52,52	0
88	MG	5	4467	1/1	0.95	0.12	55,55,55,55	0
88	MG	1	4452	1/1	0.95	0.18	56,56,56,56	1
88	MG	6	2126	1/1	0.95	0.31	43,43,43,43	0
87	OHX	5	3596	7/7	0.95	0.20	57,57,57,57	7
88	MG	1	3867	1/1	0.95	0.22	46,46,46,46	0
87	OHX	1	3533	7/7	0.95	0.10	112,112,112,112	7
88	MG	5	4474	1/1	0.95	0.23	33,33,33,33	0
87	OHX	1	3607	7/7	0.95	0.25	42,42,42,42	7
88	MG	1	4230	1/1	0.95	0.08	51,51,51,51	0
87	OHX	5	3599	7/7	0.95	0.18	43,43,43,43	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1951	7/7	0.95	0.19	87,87,87,87	7
87	OHX	12	301	7/7	0.95	0.20	63,63,63,63	7
87	OHX	2	2026	7/7	0.95	0.18	93,93,93,93	7
87	OHX	2	1952	7/7	0.95	0.09	131,131,131,131	7
88	MG	5	4105	1/1	0.95	0.08	40,40,40,40	0
87	OHX	2	1954	7/7	0.95	0.17	88,88,88,88	7
88	MG	5	4497	1/1	0.95	0.14	33,33,33,33	1
88	MG	6	2140	1/1	0.95	0.28	44,44,44,44	0
87	OHX	2	1938	7/7	0.95	0.20	70,70,70,70	7
88	MG	5	4501	1/1	0.95	0.24	49,49,49,49	0
88	MG	1	4238	1/1	0.95	0.18	37,37,37,37	0
88	MG	1	4056	1/1	0.95	0.06	44,44,44,44	0
88	MG	1	4057	1/1	0.95	0.14	32,32,32,32	0
88	MG	1	4242	1/1	0.95	0.14	41,41,41,41	1
88	MG	5	4511	1/1	0.95	0.10	34,34,34,34	0
88	MG	5	4116	1/1	0.95	0.28	39,39,39,39	0
88	MG	1	4058	1/1	0.95	0.07	33,33,33,33	1
88	MG	5	4120	1/1	0.95	0.20	57,57,57,57	0
88	MG	5	4519	1/1	0.95	0.16	43,43,43,43	1
87	OHX	1	3544	7/7	0.95	0.23	59,59,59,59	7
88	MG	5	4521	1/1	0.95	0.08	41,41,41,41	0
88	MG	5	4123	1/1	0.95	0.09	44,44,44,44	1
87	OHX	1	3614	7/7	0.95	0.14	78,78,78,78	7
88	MG	2	2199	1/1	0.95	0.17	81,81,81,81	0
88	MG	1	3884	1/1	0.95	0.22	66,66,66,66	0
88	MG	5	4128	1/1	0.95	0.17	33,33,33,33	1
88	MG	1	4249	1/1	0.95	0.23	66,66,66,66	0
88	MG	1	4478	1/1	0.95	0.24	46,46,46,46	0
87	OHX	1	3742	7/7	0.95	0.13	71,71,71,71	7
88	MG	5	4132	1/1	0.95	0.26	48,48,48,48	0
87	OHX	1	3805	7/7	0.95	0.15	83,83,83,83	7
88	MG	5	3851	1/1	0.95	0.19	36,36,36,36	0
87	OHX	1	3545	7/7	0.95	0.23	54,54,54,54	7
87	OHX	2	1982	7/7	0.95	0.12	100,100,100,100	7
88	MG	6	2159	1/1	0.95	0.41	45,45,45,45	0
88	MG	6	2160	1/1	0.95	0.34	59,59,59,59	0
88	MG	5	3860	1/1	0.95	0.13	35,35,35,35	0
88	MG	5	4143	1/1	0.95	0.15	36,36,36,36	0
87	OHX	5	3612	7/7	0.95	0.24	46,46,46,46	7
88	MG	5	4556	1/1	0.95	0.11	40,40,40,40	0
88	MG	1	4257	1/1	0.95	0.15	41,41,41,41	1
88	MG	1	4485	1/1	0.95	0.32	56,56,56,56	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2165	1/1	0.95	0.11	45,45,45,45	0
87	OHX	2	1957	7/7	0.95	0.16	79,79,79,79	7
87	OHX	5	3614	7/7	0.95	0.23	52,52,52,52	7
88	MG	5	4564	1/1	0.95	0.16	38,38,38,38	1
88	MG	6	2168	1/1	0.95	0.14	59,59,59,59	0
87	OHX	5	3615	7/7	0.95	0.27	38,38,38,38	7
88	MG	5	4569	1/1	0.95	0.12	30,30,30,30	0
88	MG	5	4570	1/1	0.95	0.09	49,49,49,49	0
87	OHX	2	1940	7/7	0.95	0.15	85,85,85,85	7
88	MG	5	4155	1/1	0.95	0.18	37,37,37,37	0
88	MG	1	4265	1/1	0.95	0.12	68,68,68,68	0
88	MG	5	4157	1/1	0.95	0.18	38,38,38,38	0
87	OHX	1	3550	7/7	0.95	0.15	78,78,78,78	7
88	MG	1	4076	1/1	0.95	0.24	51,51,51,51	0
88	MG	5	3877	1/1	0.95	0.15	41,41,41,41	0
88	MG	5	3878	1/1	0.95	0.11	37,37,37,37	0
87	OHX	o3	201	7/7	0.95	0.26	51,51,51,51	7
88	MG	1	3902	1/1	0.95	0.19	42,42,42,42	1
88	MG	7	222	1/1	0.95	0.14	52,52,52,52	0
87	OHX	2	1943	7/7	0.95	0.16	95,95,95,95	7
87	OHX	2	1962	7/7	0.95	0.15	97,97,97,97	7
88	MG	1	4275	1/1	0.95	0.08	58,58,58,58	0
88	MG	5	3884	1/1	0.95	0.08	37,37,37,37	0
87	OHX	3	203	7/7	0.95	0.24	56,56,56,56	7
88	MG	7	229	1/1	0.95	0.39	37,37,37,37	1
88	MG	7	230	1/1	0.95	0.10	43,43,43,43	0
88	MG	5	4173	1/1	0.95	0.21	42,42,42,42	0
87	OHX	3	204	7/7	0.95	0.17	85,85,85,85	7
88	MG	5	3888	1/1	0.95	0.23	46,46,46,46	0
87	OHX	1	3687	7/7	0.95	0.19	67,67,67,67	7
88	MG	7	236	1/1	0.95	0.21	53,53,53,53	1
87	OHX	2	1987	7/7	0.95	0.17	75,75,75,75	7
87	OHX	5	3626	7/7	0.95	0.14	75,75,75,75	7
88	MG	1	4282	1/1	0.95	0.20	40,40,40,40	0
88	MG	6	2186	1/1	0.95	0.18	53,53,53,53	0
87	OHX	2	2037	7/7	0.95	0.16	60,60,60,60	7
88	MG	1	3915	1/1	0.95	0.20	42,42,42,42	0
87	OHX	S2	301	7/7	0.95	0.17	81,81,81,81	7
88	MG	8	228	1/1	0.95	0.27	46,46,46,46	1
88	MG	1	4286	1/1	0.95	0.22	40,40,40,40	1
88	MG	1	4287	1/1	0.95	0.17	41,41,41,41	0
87	OHX	2	1946	7/7	0.95	0.12	110,110,110,110	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1965	7/7	0.95	0.14	91,91,91,91	7
87	OHX	6	2090	7/7	0.95	0.15	68,68,68,68	7
88	MG	5	4196	1/1	0.95	0.27	43,43,43,43	1
88	MG	3	217	1/1	0.95	0.30	36,36,36,36	0
88	MG	5	3903	1/1	0.95	0.26	28,28,28,28	0
88	MG	5	4200	1/1	0.95	0.24	60,60,60,60	0
87	OHX	1	3630	7/7	0.95	0.07	121,121,121,121	7
88	MG	2	2226	1/1	0.95	0.11	76,76,76,76	0
87	OHX	4	207	7/7	0.95	0.20	61,61,61,61	7
87	OHX	2	2013	7/7	0.95	0.08	158,158,158,158	7
88	MG	1	4297	1/1	0.95	0.11	52,52,52,52	0
87	OHX	1	3696	7/7	0.95	0.33	47,47,47,47	7
88	MG	1	3926	1/1	0.95	0.12	41,41,41,41	0
87	OHX	1	3564	7/7	0.95	0.14	79,79,79,79	7
87	OHX	6	2020	7/7	0.95	0.15	49,49,49,49	7
87	OHX	2	1991	7/7	0.95	0.10	104,104,104,104	7
87	OHX	2	1967	7/7	0.95	0.18	92,92,92,92	7
88	MG	5	3918	1/1	0.95	0.17	33,33,33,33	0
88	MG	5	4217	1/1	0.95	0.21	54,54,54,54	0
87	OHX	1	3568	7/7	0.95	0.13	95,95,95,95	7
88	MG	5	3920	1/1	0.95	0.15	42,42,42,42	0
88	MG	5	3921	1/1	0.95	0.16	43,43,43,43	1
88	MG	17	301	1/1	0.95	0.23	36,36,36,36	1
87	OHX	1	3569	7/7	0.95	0.26	58,58,58,58	7
87	OHX	1	3469	7/7	0.95	0.18	60,60,60,60	7
88	MG	17	305	1/1	0.95	0.10	40,40,40,40	0
88	MG	5	3924	1/1	0.95	0.26	38,38,38,38	0
87	OHX	1	3571	7/7	0.95	0.22	47,47,47,47	7
88	MG	2	2241	1/1	0.95	0.25	60,60,60,60	0
87	OHX	1	3573	7/7	0.95	0.14	114,114,114,114	7
87	OHX	1	3641	7/7	0.95	0.21	58,58,58,58	7
87	OHX	d9	102	7/7	0.95	0.12	97,97,97,97	7
87	OHX	1	3486	7/7	0.95	0.26	54,54,54,54	7
88	MG	m5	504	1/1	0.95	0.08	45,45,45,45	0
88	MG	5	4235	1/1	0.95	0.36	34,34,34,34	1
88	MG	5	4236	1/1	0.95	0.25	37,37,37,37	1
87	OHX	5	3502	7/7	0.95	0.24	41,41,41,41	7
87	OHX	1	3498	7/7	0.95	0.20	63,63,63,63	7
88	MG	4	228	1/1	0.95	0.28	66,66,66,66	0
87	OHX	1	3708	7/7	0.95	0.19	62,62,62,62	7
87	OHX	5	3508	7/7	0.95	0.23	69,69,69,69	7
88	MG	m8	1504	1/1	0.95	0.32	42,42,42,42	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2224	1/1	0.95	0.11	47,47,47,47	0
87	OHX	5	3511	7/7	0.95	0.25	40,40,40,40	7
88	MG	n0	204	1/1	0.95	0.26	45,45,45,45	0
87	OHX	5	3517	7/7	0.95	0.17	56,56,56,56	7
88	MG	5	4247	1/1	0.95	0.06	51,51,51,51	0
87	OHX	2	2068	7/7	0.95	0.22	66,66,66,66	7
88	MG	1	4332	1/1	0.95	0.13	43,43,43,43	0
87	OHX	5	3521	7/7	0.95	0.28	42,42,42,42	7
88	MG	1	4334	1/1	0.95	0.31	37,37,37,37	1
88	MG	n8	202	1/1	0.95	0.13	51,51,51,51	0
87	OHX	1	3772	7/7	0.95	0.17	59,59,59,59	7
87	OHX	5	3525	7/7	0.95	0.18	51,51,51,51	7
88	MG	5	4256	1/1	0.95	0.14	59,59,59,59	0
88	MG	n8	207	1/1	0.95	0.12	39,39,39,39	1
88	MG	5	3949	1/1	0.95	0.38	45,45,45,45	0
88	MG	n9	103	1/1	0.95	0.17	40,40,40,40	1
88	MG	1	4130	1/1	0.95	0.04	49,49,49,49	1
88	MG	4	241	1/1	0.95	0.19	45,45,45,45	0
87	OHX	1	3506	7/7	0.95	0.15	93,93,93,93	7
87	OHX	5	3528	7/7	0.95	0.20	38,38,38,38	7
88	MG	5	4262	1/1	0.95	0.21	42,42,42,42	1
88	MG	2	2259	1/1	0.95	0.15	74,74,74,74	1
88	MG	L2	301	1/1	0.95	0.13	39,39,39,39	0
88	MG	q1	102	1/1	0.95	0.19	43,43,43,43	0
87	OHX	5	3664	7/7	0.95	0.25	39,39,39,39	7
87	OHX	5	3531	7/7	0.95	0.24	42,42,42,42	7
88	MG	5	4269	1/1	0.95	0.12	34,34,34,34	1
87	OHX	5	3666	7/7	0.95	0.21	51,51,51,51	7
87	OHX	1	3649	7/7	0.95	0.17	59,59,59,59	7
88	MG	5	3964	1/1	0.95	0.22	27,27,27,27	0
88	MG	5	4354	1/1	0.96	0.10	54,54,54,54	0
88	MG	5	4066	1/1	0.96	0.12	49,49,49,49	0
87	OHX	1	3651	7/7	0.96	0.17	64,64,64,64	7
88	MG	5	3826	1/1	0.96	0.23	31,31,31,31	0
87	OHX	2	1970	7/7	0.96	0.16	89,89,89,89	7
87	OHX	1	3505	7/7	0.96	0.24	42,42,42,42	7
88	MG	1	3916	1/1	0.96	0.18	52,52,52,52	0
87	OHX	5	3523	7/7	0.96	0.18	49,49,49,49	7
88	MG	1	4088	1/1	0.96	0.28	42,42,42,42	0
87	OHX	6	1965	7/7	0.96	0.14	83,83,83,83	7
87	OHX	1	3554	7/7	0.96	0.16	62,62,62,62	7
88	MG	5	3835	1/1	0.96	0.20	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1997	7/7	0.96	0.14	88,88,88,88	7
88	MG	2	2233	1/1	0.96	0.20	72,72,72,72	0
88	MG	5	3838	1/1	0.96	0.13	45,45,45,45	0
88	MG	5	4374	1/1	0.96	0.14	55,55,55,55	0
88	MG	6	2162	1/1	0.96	0.29	53,53,53,53	0
88	MG	5	3840	1/1	0.96	0.14	36,36,36,36	0
88	MG	5	3841	1/1	0.96	0.24	46,46,46,46	0
87	OHX	5	3529	7/7	0.96	0.16	47,47,47,47	7
88	MG	5	4379	1/1	0.96	0.11	53,53,53,53	0
87	OHX	2	1944	7/7	0.96	0.18	72,72,72,72	7
87	OHX	1	3605	7/7	0.96	0.21	49,49,49,49	7
87	OHX	5	3533	7/7	0.96	0.10	114,114,114,114	7
87	OHX	5	3534	7/7	0.96	0.20	42,42,42,42	7
88	MG	5	4386	1/1	0.96	0.10	39,39,39,39	1
87	OHX	6	1974	7/7	0.96	0.16	67,67,67,67	7
87	OHX	5	3655	7/7	0.96	0.14	58,58,58,58	7
88	MG	2	2243	1/1	0.96	0.09	61,61,61,61	0
88	MG	1	3930	1/1	0.96	0.15	40,40,40,40	0
88	MG	1	3931	1/1	0.96	0.35	32,32,32,32	0
87	OHX	1	3606	7/7	0.96	0.09	110,110,110,110	7
87	OHX	1	3509	7/7	0.96	0.21	49,49,49,49	7
88	MG	5	3857	1/1	0.96	0.16	36,36,36,36	0
87	OHX	1	3558	7/7	0.96	0.18	71,71,71,71	7
87	OHX	2	1927	7/7	0.96	0.15	94,94,94,94	7
88	MG	1	4108	1/1	0.96	0.12	48,48,48,48	0
88	MG	5	4101	1/1	0.96	0.16	38,38,38,38	0
88	MG	5	4401	1/1	0.96	0.08	70,70,70,70	1
88	MG	5	4402	1/1	0.96	0.16	37,37,37,37	0
87	OHX	5	3543	7/7	0.96	0.09	136,136,136,136	7
87	OHX	2	2014	7/7	0.96	0.12	80,80,80,80	7
87	OHX	1	3516	7/7	0.96	0.18	52,52,52,52	7
87	OHX	5	3663	7/7	0.96	0.18	41,41,41,41	7
88	MG	1	3941	1/1	0.96	0.15	43,43,43,43	0
88	MG	6	2183	1/1	0.96	0.16	54,54,54,54	1
88	MG	5	4109	1/1	0.96	0.07	39,39,39,39	0
88	MG	5	3871	1/1	0.96	0.21	31,31,31,31	0
87	OHX	1	3713	7/7	0.96	0.16	50,50,50,50	7
88	MG	5	4113	1/1	0.96	0.16	46,46,46,46	0
87	OHX	1	3664	7/7	0.96	0.17	50,50,50,50	7
87	OHX	6	1987	7/7	0.96	0.15	70,70,70,70	7
87	OHX	2	1953	7/7	0.96	0.12	64,64,64,64	7
87	OHX	5	3551	7/7	0.96	0.18	60,60,60,60	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1941	7/7	0.96	0.11	92,92,92,92	7
87	OHX	1	3565	7/7	0.96	0.13	79,79,79,79	7
87	OHX	6	1991	7/7	0.96	0.12	83,83,83,83	7
88	MG	5	4124	1/1	0.96	0.12	40,40,40,40	0
87	OHX	5	3784	7/7	0.96	0.18	58,58,58,58	7
88	MG	5	4428	1/1	0.96	0.09	36,36,36,36	1
88	MG	5	4429	1/1	0.96	0.17	45,45,45,45	1
88	MG	1	3952	1/1	0.96	0.32	40,40,40,40	0
88	MG	5	4432	1/1	0.96	0.08	39,39,39,39	0
88	MG	S2	302	1/1	0.96	0.10	75,75,75,75	0
88	MG	1	4322	1/1	0.96	0.14	42,42,42,42	0
87	OHX	1	3520	7/7	0.96	0.16	55,55,55,55	7
87	OHX	2	2017	7/7	0.96	0.10	108,108,108,108	7
87	OHX	1	3522	7/7	0.96	0.21	47,47,47,47	7
87	OHX	6	1995	7/7	0.96	0.11	113,113,113,113	7
88	MG	C1	202	1/1	0.96	0.13	72,72,72,72	1
88	MG	4	222	1/1	0.96	0.31	32,32,32,32	0
87	OHX	1	3523	7/7	0.96	0.15	81,81,81,81	7
87	OHX	1	3524	7/7	0.96	0.15	68,68,68,68	7
87	OHX	5	3563	7/7	0.96	0.22	39,39,39,39	7
88	MG	1	3962	1/1	0.96	0.15	41,41,41,41	0
88	MG	5	4141	1/1	0.96	0.16	49,49,49,49	0
87	OHX	2	1964	7/7	0.96	0.14	101,101,101,101	7
88	MG	1	4139	1/1	0.96	0.12	54,54,54,54	0
88	MG	1	4337	1/1	0.96	0.17	38,38,38,38	1
87	OHX	2	2035	7/7	0.96	0.13	95,95,95,95	7
87	OHX	2	1977	7/7	0.96	0.08	138,138,138,138	7
87	OHX	1	3576	7/7	0.96	0.14	89,89,89,89	7
87	OHX	2	2054	7/7	0.96	0.14	87,87,87,87	7
87	OHX	2	1990	7/7	0.96	0.10	111,111,111,111	7
87	OHX	2	1942	7/7	0.96	0.14	74,74,74,74	7
87	OHX	5	3799	7/7	0.96	0.21	69,69,69,69	7
88	MG	5	3905	1/1	0.96	0.14	49,49,49,49	0
88	MG	5	4476	1/1	0.96	0.16	50,50,50,50	1
88	MG	1	3813	1/1	0.96	0.28	40,40,40,40	0
88	MG	1	3814	1/1	0.96	0.20	58,58,58,58	0
88	MG	5	3908	1/1	0.96	0.16	40,40,40,40	0
87	OHX	D9	102	7/7	0.96	0.12	83,83,83,83	7
88	MG	5	4483	1/1	0.96	0.08	37,37,37,37	0
88	MG	5	4484	1/1	0.96	0.10	46,46,46,46	0
87	OHX	5	3801	7/7	0.96	0.15	88,88,88,88	7
87	OHX	5	3687	7/7	0.96	0.21	54,54,54,54	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	L3	401	7/7	0.96	0.15	56,56,56,56	7
88	MG	5	4494	1/1	0.96	0.15	45,45,45,45	1
88	MG	5	4162	1/1	0.96	0.19	44,44,44,44	0
88	MG	5	4496	1/1	0.96	0.19	54,54,54,54	0
88	MG	6	2225	1/1	0.96	0.32	55,55,55,55	0
87	OHX	1	3582	7/7	0.96	0.16	50,50,50,50	7
88	MG	5	4166	1/1	0.96	0.12	36,36,36,36	1
87	OHX	5	3577	7/7	0.96	0.16	46,46,46,46	7
88	MG	L2	302	1/1	0.96	0.20	46,46,46,46	0
88	MG	2	2153	1/1	0.96	0.11	72,72,72,72	0
87	OHX	2	1923	7/7	0.96	0.14	80,80,80,80	7
87	OHX	1	3584	7/7	0.96	0.18	47,47,47,47	7
88	MG	L4	405	1/1	0.96	0.26	38,38,38,38	1
87	OHX	2	2076	7/7	0.96	0.10	122,122,122,122	7
87	OHX	5	3582	7/7	0.96	0.15	83,83,83,83	7
88	MG	5	4176	1/1	0.96	0.15	51,51,51,51	0
88	MG	5	4517	1/1	0.96	0.28	59,59,59,59	0
87	OHX	1	3685	7/7	0.96	0.17	55,55,55,55	7
87	OHX	5	3584	7/7	0.96	0.19	43,43,43,43	7
87	OHX	1	3587	7/7	0.96	0.10	90,90,90,90	7
88	MG	5	4180	1/1	0.96	0.11	40,40,40,40	1
88	MG	1	3991	1/1	0.96	0.18	36,36,36,36	0
88	MG	1	3992	1/1	0.96	0.25	32,32,32,32	0
87	OHX	1	3737	7/7	0.96	0.20	56,56,56,56	7
88	MG	5	4530	1/1	0.96	0.12	54,54,54,54	0
87	OHX	M5	301	7/7	0.96	0.17	75,75,75,75	7
88	MG	1	4367	1/1	0.96	0.07	43,43,43,43	1
88	MG	5	4533	1/1	0.96	0.15	38,38,38,38	0
88	MG	5	3933	1/1	0.96	0.34	33,33,33,33	0
88	MG	5	4189	1/1	0.96	0.12	39,39,39,39	1
88	MG	5	4538	1/1	0.96	0.21	45,45,45,45	0
88	MG	M3	201	1/1	0.96	0.11	45,45,45,45	0
87	OHX	1	3588	7/7	0.96	0.20	52,52,52,52	7
87	OHX	7	203	7/7	0.96	0.21	54,54,54,54	7
88	MG	1	4173	1/1	0.96	0.12	49,49,49,49	1
88	MG	1	4372	1/1	0.96	0.26	34,34,34,34	1
88	MG	M6	203	1/1	0.96	0.35	40,40,40,40	1
88	MG	1	3997	1/1	0.96	0.34	28,28,28,28	0
87	OHX	2	1958	7/7	0.96	0.18	75,75,75,75	7
87	OHX	7	206	7/7	0.96	0.16	67,67,67,67	7
88	MG	5	4554	1/1	0.96	0.10	50,50,50,50	1
88	MG	1	4000	1/1	0.96	0.09	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	M7	206	1/1	0.96	0.16	43,43,43,43	0
88	MG	M7	207	1/1	0.96	0.18	43,43,43,43	0
88	MG	5	3947	1/1	0.96	0.34	39,39,39,39	0
87	OHX	7	207	7/7	0.96	0.17	78,78,78,78	7
88	MG	1	4381	1/1	0.96	0.10	32,32,32,32	1
88	MG	6	2265	1/1	0.96	0.10	48,48,48,48	0
88	MG	5	3951	1/1	0.96	0.30	32,32,32,32	0
88	MG	M8	203	1/1	0.96	0.16	41,41,41,41	0
88	MG	5	4566	1/1	0.96	0.27	50,50,50,50	0
88	MG	M8	204	1/1	0.96	0.19	46,46,46,46	1
87	OHX	1	3590	7/7	0.96	0.15	74,74,74,74	7
87	OHX	1	3477	7/7	0.96	0.13	88,88,88,88	7
88	MG	6	2270	1/1	0.96	0.16	61,61,61,61	0
88	MG	1	4181	1/1	0.96	0.15	40,40,40,40	1
88	MG	5	4220	1/1	0.96	0.18	38,38,38,38	0
88	MG	1	4387	1/1	0.96	0.10	37,37,37,37	1
87	OHX	5	3594	7/7	0.96	0.14	73,73,73,73	7
87	OHX	1	3482	7/7	0.96	0.20	65,65,65,65	7
88	MG	5	3963	1/1	0.96	0.30	28,28,28,28	0
88	MG	1	4186	1/1	0.96	0.10	65,65,65,65	0
87	OHX	1	3484	7/7	0.96	0.19	49,49,49,49	7
88	MG	N6	202	1/1	0.96	0.07	58,58,58,58	1
88	MG	5	4228	1/1	0.96	0.14	35,35,35,35	1
87	OHX	8	203	7/7	0.96	0.16	86,86,86,86	7
87	OHX	1	3643	7/7	0.96	0.17	64,64,64,64	7
87	OHX	8	205	7/7	0.96	0.18	64,64,64,64	7
88	MG	5	4234	1/1	0.96	0.08	33,33,33,33	1
88	MG	1	4397	1/1	0.96	0.21	36,36,36,36	1
87	OHX	O7	102	7/7	0.96	0.17	73,73,73,73	7
87	OHX	Q2	502	7/7	0.96	0.20	45,45,45,45	7
88	MG	1	4014	1/1	0.96	0.32	30,30,30,30	0
87	OHX	6	1921	7/7	0.96	0.20	51,51,51,51	7
87	OHX	6	1925	7/7	0.96	0.11	87,87,87,87	7
87	OHX	5	3602	7/7	0.96	0.13	74,74,74,74	7
87	OHX	6	2098	7/7	0.96	0.10	113,113,113,113	7
88	MG	7	237	1/1	0.96	0.10	51,51,51,51	1
87	OHX	6	1931	7/7	0.96	0.18	71,71,71,71	7
88	MG	1	3856	1/1	0.96	0.23	49,49,49,49	0
88	MG	8	222	1/1	0.96	0.17	41,41,41,41	0
87	OHX	6	1938	7/7	0.96	0.13	69,69,69,69	7
88	MG	1	4208	1/1	0.96	0.15	41,41,41,41	1
88	MG	1	4209	1/1	0.96	0.31	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3983	1/1	0.96	0.26	45,45,45,45	0
88	MG	1	3858	1/1	0.96	0.15	41,41,41,41	0
88	MG	5	3985	1/1	0.96	0.26	32,32,32,32	0
87	OHX	6	1939	7/7	0.96	0.16	103,103,103,103	7
88	MG	5	4255	1/1	0.96	0.07	54,54,54,54	0
87	OHX	6	1940	7/7	0.96	0.15	64,64,64,64	7
87	OHX	1	3694	7/7	0.96	0.17	51,51,51,51	7
87	OHX	2	1959	7/7	0.96	0.08	127,127,127,127	7
87	OHX	6	1949	7/7	0.96	0.16	73,73,73,73	7
88	MG	6	2303	1/1	0.96	0.08	78,78,78,78	0
87	OHX	1	3487	7/7	0.96	0.10	118,118,118,118	7
88	MG	O7	109	1/1	0.96	0.33	46,46,46,46	1
87	OHX	2	1995	7/7	0.96	0.16	86,86,86,86	7
87	OHX	l3	401	7/7	0.96	0.21	52,52,52,52	7
87	OHX	5	3430	7/7	0.96	0.24	38,38,38,38	7
88	MG	6	2310	1/1	0.96	0.40	48,48,48,48	1
88	MG	Q2	504	1/1	0.96	0.10	50,50,50,50	0
87	OHX	5	3440	7/7	0.96	0.15	70,70,70,70	7
88	MG	l2	307	1/1	0.96	0.58	46,46,46,46	1
87	OHX	5	3461	7/7	0.96	0.22	40,40,40,40	7
88	MG	5	4004	1/1	0.96	0.26	48,48,48,48	0
88	MG	l3	406	1/1	0.96	0.15	31,31,31,31	1
87	OHX	5	3474	7/7	0.96	0.24	45,45,45,45	7
87	OHX	5	3475	7/7	0.96	0.15	79,79,79,79	7
88	MG	l3	411	1/1	0.96	0.14	33,33,33,33	1
87	OHX	5	3479	7/7	0.96	0.23	49,49,49,49	7
87	OHX	5	3619	7/7	0.96	0.19	46,46,46,46	7
88	MG	1	4437	1/1	0.96	0.07	43,43,43,43	1
88	MG	1	4044	1/1	0.96	0.23	44,44,44,44	0
87	OHX	5	3480	7/7	0.96	0.17	57,57,57,57	7
88	MG	5	4013	1/1	0.96	0.33	33,33,33,33	0
88	MG	l5	308	1/1	0.96	0.19	49,49,49,49	1
87	OHX	5	3483	7/7	0.96	0.20	48,48,48,48	7
88	MG	l7	302	1/1	0.96	0.15	35,35,35,35	1
88	MG	1	4442	1/1	0.96	0.09	45,45,45,45	1
88	MG	1	3881	1/1	0.96	0.15	41,41,41,41	0
87	OHX	5	3484	7/7	0.96	0.17	48,48,48,48	7
88	MG	1	4445	1/1	0.96	0.10	49,49,49,49	1
88	MG	1	4447	1/1	0.96	0.20	58,58,58,58	1
88	MG	5	4297	1/1	0.96	0.05	37,37,37,37	0
88	MG	l9	202	1/1	0.96	0.15	38,38,38,38	0
87	OHX	5	3623	7/7	0.96	0.14	81,81,81,81	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4301	1/1	0.96	0.14	34,34,34,34	1
88	MG	1	4450	1/1	0.96	0.15	50,50,50,50	0
87	OHX	5	3487	7/7	0.96	0.24	51,51,51,51	7
88	MG	m5	503	1/1	0.96	0.13	48,48,48,48	0
88	MG	1	4053	1/1	0.96	0.15	38,38,38,38	0
87	OHX	m5	501	7/7	0.96	0.16	81,81,81,81	7
88	MG	m6	201	1/1	0.96	0.13	38,38,38,38	1
88	MG	1	3887	1/1	0.96	0.14	45,45,45,45	0
88	MG	s8	302	1/1	0.96	0.20	45,45,45,45	0
87	OHX	5	3489	7/7	0.96	0.16	67,67,67,67	7
88	MG	m7	203	1/1	0.96	0.21	33,33,33,33	0
87	OHX	5	3490	7/7	0.96	0.17	89,89,89,89	7
87	OHX	5	3492	7/7	0.96	0.19	48,48,48,48	7
88	MG	m8	1501	1/1	0.96	0.31	42,42,42,42	1
87	OHX	5	3496	7/7	0.96	0.14	75,75,75,75	7
88	MG	1	4459	1/1	0.96	0.08	51,51,51,51	0
88	MG	m9	202	1/1	0.96	0.17	54,54,54,54	1
88	MG	5	4317	1/1	0.96	0.41	66,66,66,66	1
88	MG	1	4241	1/1	0.96	0.17	47,47,47,47	1
87	OHX	1	3499	7/7	0.96	0.17	57,57,57,57	7
88	MG	1	4462	1/1	0.96	0.12	43,43,43,43	0
88	MG	n1	202	1/1	0.96	0.07	40,40,40,40	1
88	MG	1	3894	1/1	0.96	0.23	48,48,48,48	0
87	OHX	5	3503	7/7	0.96	0.21	62,62,62,62	7
87	OHX	6	1955	7/7	0.96	0.09	145,145,145,145	7
87	OHX	6	1958	7/7	0.96	0.17	77,77,77,77	7
87	OHX	1	3500	7/7	0.96	0.14	90,90,90,90	7
88	MG	5	4326	1/1	0.96	0.07	79,79,79,79	0
88	MG	2	2092	1/1	0.96	0.28	40,40,40,40	0
87	OHX	6	2039	7/7	0.96	0.17	46,46,46,46	7
88	MG	6	2136	1/1	0.96	0.18	54,54,54,54	0
88	MG	1	3903	1/1	0.96	0.14	59,59,59,59	0
87	OHX	5	3513	7/7	0.96	0.18	56,56,56,56	7
87	OHX	5	3515	7/7	0.96	0.07	132,132,132,132	7
87	OHX	5	3516	7/7	0.96	0.22	42,42,42,42	7
88	MG	1	4474	1/1	0.96	0.25	47,47,47,47	1
88	MG	1	4075	1/1	0.96	0.08	43,43,43,43	0
88	MG	5	4055	1/1	0.96	0.19	39,39,39,39	0
88	MG	1	3909	1/1	0.96	0.19	49,49,49,49	0
87	OHX	6	1960	7/7	0.96	0.18	72,72,72,72	7
88	MG	6	2145	1/1	0.96	0.20	33,33,33,33	0
87	OHX	5	3518	7/7	0.96	0.17	56,56,56,56	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4262	1/1	0.96	0.11	33,33,33,33	0
87	OHX	5	3641	7/7	0.96	0.19	68,68,68,68	7
88	MG	1	4080	1/1	0.96	0.10	49,49,49,49	0
89	ZN	Q2	501	1/1	0.96	0.15	73,73,73,73	0
88	MG	5	3822	1/1	0.96	0.06	35,35,35,35	0
89	ZN	e1	501	1/1	0.96	0.06	163,163,163,163	0
88	MG	1	4081	1/1	0.96	0.14	46,46,46,46	0
88	MG	6	2151	1/1	0.96	0.32	47,47,47,47	0
88	MG	1	4025	1/1	0.97	0.08	62,62,62,62	0
88	MG	1	4188	1/1	0.97	0.15	38,38,38,38	0
88	MG	L7	301	1/1	0.97	0.06	39,39,39,39	0
88	MG	5	4394	1/1	0.97	0.23	38,38,38,38	1
88	MG	1	4189	1/1	0.97	0.09	40,40,40,40	1
87	OHX	5	3510	7/7	0.97	0.19	39,39,39,39	7
87	OHX	q1	101	7/7	0.97	0.18	46,46,46,46	7
87	OHX	1	3488	7/7	0.97	0.09	113,113,113,113	7
87	OHX	1	3491	7/7	0.97	0.19	44,44,44,44	7
87	OHX	1	3546	7/7	0.97	0.15	55,55,55,55	7
88	MG	M0	308	1/1	0.97	0.18	44,44,44,44	1
88	MG	5	4403	1/1	0.97	0.07	48,48,48,48	0
88	MG	M0	309	1/1	0.97	0.07	46,46,46,46	1
87	OHX	3	205	7/7	0.97	0.13	80,80,80,80	7
88	MG	1	4032	1/1	0.97	0.15	41,41,41,41	0
87	OHX	6	1964	7/7	0.97	0.14	49,49,49,49	7
88	MG	M3	203	1/1	0.97	0.10	46,46,46,46	1
88	MG	1	4388	1/1	0.97	0.13	37,37,37,37	1
88	MG	5	4135	1/1	0.97	0.08	38,38,38,38	0
88	MG	1	3886	1/1	0.97	0.15	49,49,49,49	0
88	MG	M5	303	1/1	0.97	0.10	41,41,41,41	1
88	MG	M5	304	1/1	0.97	0.14	40,40,40,40	1
88	MG	5	4139	1/1	0.97	0.10	34,34,34,34	1
87	OHX	1	3492	7/7	0.97	0.21	45,45,45,45	7
88	MG	5	4418	1/1	0.97	0.08	35,35,35,35	0
88	MG	1	4036	1/1	0.97	0.31	47,47,47,47	0
87	OHX	1	3495	7/7	0.97	0.14	54,54,54,54	7
87	OHX	6	1967	7/7	0.97	0.15	47,47,47,47	7
87	OHX	1	3497	7/7	0.97	0.13	83,83,83,83	7
87	OHX	2	1936	7/7	0.97	0.17	72,72,72,72	7
87	OHX	5	3524	7/7	0.97	0.14	62,62,62,62	7
88	MG	5	4148	1/1	0.97	0.12	40,40,40,40	0
88	MG	1	4398	1/1	0.97	0.10	48,48,48,48	0
87	OHX	6	1970	7/7	0.97	0.12	88,88,88,88	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2245	1/1	0.97	0.11	60,60,60,60	0
88	MG	5	4431	1/1	0.97	0.23	50,50,50,50	0
88	MG	M7	208	1/1	0.97	0.10	40,40,40,40	0
88	MG	5	4433	1/1	0.97	0.23	37,37,37,37	1
88	MG	5	4434	1/1	0.97	0.25	40,40,40,40	0
88	MG	5	4435	1/1	0.97	0.08	40,40,40,40	0
87	OHX	2	1908	7/7	0.97	0.09	104,104,104,104	0
88	MG	1	4045	1/1	0.97	0.10	42,42,42,42	0
88	MG	M8	202	1/1	0.97	0.37	39,39,39,39	1
88	MG	6	2250	1/1	0.97	0.26	47,47,47,47	0
87	OHX	6	1972	7/7	0.97	0.16	59,59,59,59	7
88	MG	5	4444	1/1	0.97	0.12	42,42,42,42	1
88	MG	6	2252	1/1	0.97	0.21	47,47,47,47	0
88	MG	5	4448	1/1	0.97	0.13	38,38,38,38	1
88	MG	6	2253	1/1	0.97	0.12	47,47,47,47	0
88	MG	6	2254	1/1	0.97	0.08	53,53,53,53	0
88	MG	1	4215	1/1	0.97	0.10	54,54,54,54	0
87	OHX	6	1973	7/7	0.97	0.15	86,86,86,86	7
88	MG	5	3928	1/1	0.97	0.07	39,39,39,39	0
88	MG	5	4164	1/1	0.97	0.13	45,45,45,45	0
88	MG	5	4456	1/1	0.97	0.14	62,62,62,62	0
87	OHX	5	3530	7/7	0.97	0.16	42,42,42,42	7
88	MG	1	4406	1/1	0.97	0.10	56,56,56,56	0
88	MG	5	4462	1/1	0.97	0.08	39,39,39,39	0
88	MG	6	2259	1/1	0.97	0.04	48,48,48,48	0
88	MG	1	4407	1/1	0.97	0.19	42,42,42,42	1
88	MG	5	4466	1/1	0.97	0.26	36,36,36,36	1
87	OHX	1	3553	7/7	0.97	0.15	87,87,87,87	7
88	MG	1	3900	1/1	0.97	0.33	42,42,42,42	0
87	OHX	6	1975	7/7	0.97	0.15	61,61,61,61	7
87	OHX	2	1939	7/7	0.97	0.10	98,98,98,98	7
87	OHX	6	1977	7/7	0.97	0.13	86,86,86,86	7
88	MG	1	3905	1/1	0.97	0.08	43,43,43,43	0
88	MG	5	4473	1/1	0.97	0.08	38,38,38,38	1
88	MG	5	3939	1/1	0.97	0.17	48,48,48,48	0
87	OHX	4	203	7/7	0.97	0.15	61,61,61,61	7
87	OHX	5	3536	7/7	0.97	0.19	54,54,54,54	7
87	OHX	4	206	7/7	0.97	0.14	88,88,88,88	7
88	MG	2	2236	1/1	0.97	0.08	64,64,64,64	0
88	MG	5	4479	1/1	0.97	0.26	34,34,34,34	1
87	OHX	2	1924	7/7	0.97	0.13	89,89,89,89	7
88	MG	2	2238	1/1	0.97	0.05	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	4482	1/1	0.97	0.18	46,46,46,46	0
87	OHX	1	3503	7/7	0.97	0.15	60,60,60,60	7
88	MG	O1	202	1/1	0.97	0.20	60,60,60,60	1
88	MG	5	4185	1/1	0.97	0.16	35,35,35,35	1
88	MG	5	4487	1/1	0.97	0.30	35,35,35,35	1
87	OHX	2	1909	7/7	0.97	0.11	94,94,94,94	7
88	MG	5	4489	1/1	0.97	0.05	38,38,38,38	0
87	OHX	5	3541	7/7	0.97	0.16	46,46,46,46	7
87	OHX	5	3542	7/7	0.97	0.15	52,52,52,52	7
88	MG	5	4190	1/1	0.97	0.10	39,39,39,39	0
88	MG	1	4429	1/1	0.97	0.13	43,43,43,43	0
88	MG	6	2280	1/1	0.97	0.10	46,46,46,46	0
88	MG	5	4193	1/1	0.97	0.17	36,36,36,36	0
88	MG	5	3953	1/1	0.97	0.23	30,30,30,30	0
87	OHX	2	1956	7/7	0.97	0.12	91,91,91,91	7
88	MG	5	4502	1/1	0.97	0.32	38,38,38,38	1
87	OHX	2	1928	7/7	0.97	0.14	75,75,75,75	7
88	MG	5	4505	1/1	0.97	0.08	33,33,33,33	0
88	MG	5	4197	1/1	0.97	0.09	43,43,43,43	0
88	MG	1	4432	1/1	0.97	0.07	41,41,41,41	0
88	MG	1	4433	1/1	0.97	0.17	39,39,39,39	1
87	OHX	2	1930	7/7	0.97	0.14	77,77,77,77	7
87	OHX	5	3546	7/7	0.97	0.21	47,47,47,47	7
88	MG	5	4513	1/1	0.97	0.08	54,54,54,54	0
87	OHX	1	3510	7/7	0.97	0.16	50,50,50,50	7
87	OHX	1	3511	7/7	0.97	0.13	98,98,98,98	7
88	MG	5	4516	1/1	0.97	0.09	43,43,43,43	0
88	MG	1	4438	1/1	0.97	0.19	51,51,51,51	0
88	MG	5	4518	1/1	0.97	0.05	35,35,35,35	1
88	MG	6	2290	1/1	0.97	0.10	52,52,52,52	0
88	MG	1	4074	1/1	0.97	0.17	31,31,31,31	0
88	MG	O7	107	1/1	0.97	0.38	42,42,42,42	1
87	OHX	C8	202	7/7	0.97	0.09	94,94,94,94	7
88	MG	6	2294	1/1	0.97	0.08	43,43,43,43	0
88	MG	5	4211	1/1	0.97	0.10	38,38,38,38	0
87	OHX	2	1975	7/7	0.97	0.08	112,112,112,112	7
88	MG	5	4214	1/1	0.97	0.18	41,41,41,41	0
88	MG	1	4243	1/1	0.97	0.14	44,44,44,44	1
87	OHX	1	3514	7/7	0.97	0.19	41,41,41,41	7
87	OHX	1	3515	7/7	0.97	0.15	50,50,50,50	7
87	OHX	L3	402	7/7	0.97	0.16	67,67,67,67	7
87	OHX	5	3554	7/7	0.97	0.13	45,45,45,45	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	4448	1/1	0.97	0.19	44,44,44,44	0
87	OHX	2	1912	7/7	0.97	0.10	109,109,109,109	0
88	MG	2	2131	1/1	0.97	0.10	73,73,73,73	0
87	OHX	5	3556	7/7	0.97	0.13	50,50,50,50	7
88	MG	5	4542	1/1	0.97	0.15	34,34,34,34	1
87	OHX	1	3432	7/7	0.97	0.18	46,46,46,46	7
87	OHX	1	3518	7/7	0.97	0.20	40,40,40,40	7
88	MG	5	4548	1/1	0.97	0.06	39,39,39,39	0
87	OHX	1	3441	7/7	0.97	0.16	51,51,51,51	7
87	OHX	1	3625	7/7	0.97	0.07	186,186,186,186	7
87	OHX	1	3572	7/7	0.97	0.14	53,53,53,53	7
87	OHX	2	1945	7/7	0.97	0.10	110,110,110,110	7
87	OHX	1	3448	7/7	0.97	0.15	70,70,70,70	7
88	MG	1	3939	1/1	0.97	0.19	38,38,38,38	0
88	MG	6	2314	1/1	0.97	0.18	48,48,48,48	0
88	MG	5	4557	1/1	0.97	0.06	41,41,41,41	0
88	MG	6	2111	1/1	0.97	0.31	49,49,49,49	0
88	MG	1	4261	1/1	0.97	0.13	56,56,56,56	0
87	OHX	1	3452	7/7	0.97	0.13	85,85,85,85	7
88	MG	1	4263	1/1	0.97	0.06	36,36,36,36	0
87	OHX	1	3453	7/7	0.97	0.17	50,50,50,50	7
88	MG	5	3994	1/1	0.97	0.36	41,41,41,41	0
87	OHX	5	3566	7/7	0.97	0.09	98,98,98,98	7
87	OHX	M9	201	7/7	0.97	0.14	68,68,68,68	7
87	OHX	5	3568	7/7	0.97	0.16	66,66,66,66	7
88	MG	1	4268	1/1	0.97	0.29	46,46,46,46	1
88	MG	5	4246	1/1	0.97	0.21	58,58,58,58	0
88	MG	1	4269	1/1	0.97	0.16	45,45,45,45	1
87	OHX	1	3454	7/7	0.97	0.13	79,79,79,79	7
88	MG	6	2327	1/1	0.97	0.12	78,78,78,78	0
88	MG	6	2328	1/1	0.97	0.11	54,54,54,54	1
87	OHX	1	3460	7/7	0.97	0.22	50,50,50,50	7
87	OHX	1	3634	7/7	0.97	0.09	82,82,82,82	7
88	MG	5	4253	1/1	0.97	0.13	29,29,29,29	0
88	MG	7	218	1/1	0.97	0.12	39,39,39,39	0
87	OHX	1	3466	7/7	0.97	0.14	88,88,88,88	7
88	MG	1	3949	1/1	0.97	0.27	38,38,38,38	0
87	OHX	5	3689	7/7	0.97	0.16	45,45,45,45	7
88	MG	s1	303	1/1	0.97	0.09	77,77,77,77	0
88	MG	6	2127	1/1	0.97	0.24	45,45,45,45	0
87	OHX	2	1978	7/7	0.97	0.07	121,121,121,121	7
87	OHX	5	3574	7/7	0.97	0.16	55,55,55,55	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3470	7/7	0.97	0.16	90,90,90,90	7
87	OHX	O7	103	7/7	0.97	0.16	60,60,60,60	7
87	OHX	1	3475	7/7	0.97	0.19	55,55,55,55	7
87	OHX	6	1914	7/7	0.97	0.14	52,52,52,52	7
88	MG	5	4266	1/1	0.97	0.20	45,45,45,45	0
88	MG	7	232	1/1	0.97	0.13	52,52,52,52	0
87	OHX	6	1918	7/7	0.97	0.19	56,56,56,56	7
87	OHX	6	1919	7/7	0.97	0.12	68,68,68,68	7
88	MG	5	4020	1/1	0.97	0.32	37,37,37,37	0
88	MG	1	4113	1/1	0.97	0.11	59,59,59,59	0
87	OHX	1	3476	7/7	0.97	0.20	75,75,75,75	7
88	MG	1	4288	1/1	0.97	0.08	39,39,39,39	0
88	MG	5	4274	1/1	0.97	0.11	35,35,35,35	1
88	MG	1	3819	1/1	0.97	0.18	31,31,31,31	0
87	OHX	2	1913	7/7	0.97	0.15	87,87,87,87	7
87	OHX	6	1929	7/7	0.97	0.20	53,53,53,53	7
87	OHX	5	3585	7/7	0.97	0.20	46,46,46,46	7
88	MG	5	4280	1/1	0.97	0.16	44,44,44,44	1
87	OHX	5	3702	7/7	0.97	0.14	74,74,74,74	7
87	OHX	6	1930	7/7	0.97	0.15	59,59,59,59	7
87	OHX	1	3481	7/7	0.97	0.15	87,87,87,87	7
88	MG	d3	202	1/1	0.97	0.14	49,49,49,49	1
87	OHX	6	1933	7/7	0.97	0.11	82,82,82,82	7
87	OHX	c8	201	7/7	0.97	0.10	95,95,95,95	7
88	MG	1	4299	1/1	0.97	0.17	41,41,41,41	1
88	MG	5	4292	1/1	0.97	0.07	48,48,48,48	1
88	MG	8	235	1/1	0.97	0.13	61,61,61,61	1
88	MG	1	4125	1/1	0.97	0.06	36,36,36,36	0
88	MG	1	3969	1/1	0.97	0.16	29,29,29,29	0
87	OHX	6	1937	7/7	0.97	0.10	88,88,88,88	7
88	MG	5	4040	1/1	0.97	0.15	35,35,35,35	0
87	OHX	5	3591	7/7	0.97	0.21	46,46,46,46	7
88	MG	12	302	1/1	0.97	0.15	36,36,36,36	0
88	MG	5	4042	1/1	0.97	0.38	51,51,51,51	0
88	MG	5	4303	1/1	0.97	0.09	41,41,41,41	1
87	OHX	2	1916	7/7	0.97	0.11	89,89,89,89	7
87	OHX	1	3537	7/7	0.97	0.16	54,54,54,54	7
87	OHX	5	3434	7/7	0.97	0.15	48,48,48,48	7
87	OHX	1	3538	7/7	0.97	0.20	49,49,49,49	7
88	MG	5	4308	1/1	0.97	0.07	29,29,29,29	0
88	MG	5	4047	1/1	0.97	0.16	33,33,33,33	0
88	MG	1	4309	1/1	0.97	0.15	41,41,41,41	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3441	7/7	0.97	0.16	63,63,63,63	7
88	MG	l3	410	1/1	0.97	0.13	31,31,31,31	1
87	OHX	5	3453	7/7	0.97	0.17	67,67,67,67	7
88	MG	1	3978	1/1	0.97	0.28	31,31,31,31	0
88	MG	l3	413	1/1	0.97	0.12	32,32,32,32	1
87	OHX	5	3457	7/7	0.97	0.16	72,72,72,72	7
88	MG	1	3980	1/1	0.97	0.30	37,37,37,37	0
87	OHX	8	212	7/7	0.97	0.13	85,85,85,85	7
88	MG	1	3839	1/1	0.97	0.26	43,43,43,43	0
87	OHX	5	3458	7/7	0.97	0.13	56,56,56,56	7
87	OHX	5	3459	7/7	0.97	0.16	58,58,58,58	7
87	OHX	6	1942	7/7	0.97	0.12	70,70,70,70	7
88	MG	2	2180	1/1	0.97	0.19	68,68,68,68	0
88	MG	1	3987	1/1	0.97	0.19	36,36,36,36	0
87	OHX	5	3469	7/7	0.97	0.15	61,61,61,61	7
88	MG	1	4329	1/1	0.97	0.07	49,49,49,49	0
88	MG	1	4330	1/1	0.97	0.08	56,56,56,56	0
87	OHX	5	3470	7/7	0.97	0.12	78,78,78,78	7
87	OHX	5	3471	7/7	0.97	0.14	81,81,81,81	7
87	OHX	5	3473	7/7	0.97	0.13	44,44,44,44	7
87	OHX	6	1943	7/7	0.97	0.11	108,108,108,108	7
87	OHX	1	3483	7/7	0.97	0.14	74,74,74,74	7
88	MG	1	3850	1/1	0.97	0.12	48,48,48,48	0
88	MG	5	4334	1/1	0.97	0.15	39,39,39,39	1
88	MG	1	4153	1/1	0.97	0.08	42,42,42,42	0
88	MG	2	2187	1/1	0.97	0.12	87,87,87,87	0
88	MG	5	4337	1/1	0.97	0.17	46,46,46,46	0
87	OHX	1	3646	7/7	0.97	0.13	96,96,96,96	7
88	MG	5	4340	1/1	0.97	0.10	35,35,35,35	1
87	OHX	6	1946	7/7	0.97	0.13	71,71,71,71	7
88	MG	m6	204	1/1	0.97	0.06	40,40,40,40	0
87	OHX	5	3481	7/7	0.97	0.17	46,46,46,46	7
87	OHX	6	1947	7/7	0.97	0.17	59,59,59,59	7
88	MG	m7	204	1/1	0.97	0.16	40,40,40,40	1
87	OHX	6	1948	7/7	0.97	0.12	86,86,86,86	7
87	OHX	5	3485	7/7	0.97	0.13	51,51,51,51	7
88	MG	1	4161	1/1	0.97	0.23	54,54,54,54	0
87	OHX	1	3647	7/7	0.97	0.07	199,199,199,199	7
88	MG	6	2189	1/1	0.97	0.23	47,47,47,47	0
88	MG	5	3855	1/1	0.97	0.26	32,32,32,32	0
88	MG	1	4163	1/1	0.97	0.17	42,42,42,42	1
87	OHX	5	3488	7/7	0.97	0.16	42,42,42,42	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3858	1/1	0.97	0.27	35,35,35,35	0
88	MG	5	4085	1/1	0.97	0.18	37,37,37,37	0
88	MG	1	3861	1/1	0.97	0.09	42,42,42,42	0
87	OHX	1	3593	7/7	0.97	0.17	37,37,37,37	7
88	MG	5	4358	1/1	0.97	0.06	49,49,49,49	1
88	MG	1	4006	1/1	0.97	0.34	41,41,41,41	0
88	MG	1	3863	1/1	0.97	0.21	42,42,42,42	0
87	OHX	6	1952	7/7	0.97	0.13	84,84,84,84	7
87	OHX	1	3540	7/7	0.97	0.15	52,52,52,52	7
88	MG	n8	203	1/1	0.97	0.03	41,41,41,41	0
87	OHX	2	1948	7/7	0.97	0.17	67,67,67,67	7
87	OHX	5	3497	7/7	0.97	0.15	57,57,57,57	7
88	MG	5	3868	1/1	0.97	0.10	32,32,32,32	0
88	MG	5	3869	1/1	0.97	0.28	45,45,45,45	0
87	OHX	5	3501	7/7	0.97	0.15	59,59,59,59	7
88	MG	1	3869	1/1	0.97	0.26	39,39,39,39	0
88	MG	1	4015	1/1	0.97	0.55	27,27,27,27	0
87	OHX	2	1934	7/7	0.97	0.11	103,103,103,103	7
87	OHX	6	1956	7/7	0.97	0.12	90,90,90,90	7
87	OHX	5	3504	7/7	0.97	0.17	38,38,38,38	7
87	OHX	6	1957	7/7	0.97	0.14	63,63,63,63	7
88	MG	5	4104	1/1	0.97	0.08	49,49,49,49	0
88	MG	o4	201	1/1	0.97	0.16	70,70,70,70	1
87	OHX	2	1922	7/7	0.97	0.11	75,75,75,75	7
87	OHX	3	201	7/7	0.97	0.13	71,71,71,71	7
88	MG	1	4183	1/1	0.97	0.15	47,47,47,47	1
88	MG	L3	405	1/1	0.97	0.11	42,42,42,42	0
87	OHX	5	3509	7/7	0.97	0.09	107,107,107,107	7
88	MG	L4	403	1/1	0.97	0.20	34,34,34,34	0
88	MG	6	2213	1/1	0.97	0.12	68,68,68,68	1
88	MG	1	3878	1/1	0.97	0.09	49,49,49,49	0
88	MG	6	2215	1/1	0.97	0.31	52,52,52,52	0
88	MG	5	3886	1/1	0.97	0.26	46,46,46,46	0
87	OHX	6	1911	7/7	0.98	0.09	59,59,59,59	7
87	OHX	8	207	7/7	0.98	0.13	74,74,74,74	7
87	OHX	6	1913	7/7	0.98	0.08	85,85,85,85	7
88	MG	1	4068	1/1	0.98	0.28	40,40,40,40	0
88	MG	1	4206	1/1	0.98	0.08	47,47,47,47	0
88	MG	5	4265	1/1	0.98	0.17	39,39,39,39	1
87	OHX	C8	201	7/7	0.98	0.09	94,94,94,94	7
87	OHX	5	3512	7/7	0.98	0.11	60,60,60,60	7
87	OHX	6	1915	7/7	0.98	0.16	63,63,63,63	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3514	7/7	0.98	0.11	60,60,60,60	7
87	OHX	5	3727	7/7	0.98	0.19	48,48,48,48	7
88	MG	5	4491	1/1	0.98	0.27	53,53,53,53	0
88	MG	5	4492	1/1	0.98	0.07	57,57,57,57	0
88	MG	5	4493	1/1	0.98	0.13	41,41,41,41	1
87	OHX	1	3574	7/7	0.98	0.17	40,40,40,40	7
88	MG	5	4272	1/1	0.98	0.08	33,33,33,33	1
87	OHX	1	3471	7/7	0.98	0.14	49,49,49,49	7
88	MG	5	3913	1/1	0.98	0.11	39,39,39,39	0
88	MG	5	4498	1/1	0.98	0.15	42,42,42,42	1
87	OHX	6	1920	7/7	0.98	0.08	114,114,114,114	7
88	MG	5	4088	1/1	0.98	0.20	36,36,36,36	1
87	OHX	1	3472	7/7	0.98	0.12	70,70,70,70	7
87	OHX	6	1923	7/7	0.98	0.12	71,71,71,71	7
87	OHX	5	3520	7/7	0.98	0.12	88,88,88,88	7
88	MG	5	4504	1/1	0.98	0.10	40,40,40,40	1
88	MG	5	4282	1/1	0.98	0.11	34,34,34,34	1
87	OHX	1	3577	7/7	0.98	0.13	54,54,54,54	7
88	MG	5	4507	1/1	0.98	0.08	52,52,52,52	1
87	OHX	6	1926	7/7	0.98	0.14	55,55,55,55	7
87	OHX	6	1927	7/7	0.98	0.08	109,109,109,109	7
88	MG	5	4510	1/1	0.98	0.21	30,30,30,30	1
88	MG	5	4287	1/1	0.98	0.15	35,35,35,35	1
87	OHX	6	1928	7/7	0.98	0.08	118,118,118,118	7
87	OHX	1	3473	7/7	0.98	0.14	62,62,62,62	7
88	MG	1	4371	1/1	0.98	0.08	43,43,43,43	1
87	OHX	5	3526	7/7	0.98	0.11	94,94,94,94	7
88	MG	1	4373	1/1	0.98	0.18	35,35,35,35	1
88	MG	1	4086	1/1	0.98	0.14	50,50,50,50	0
87	OHX	2	1915	7/7	0.98	0.09	122,122,122,122	7
88	MG	6	2308	1/1	0.98	0.13	51,51,51,51	1
87	OHX	2	1929	7/7	0.98	0.13	66,66,66,66	7
88	MG	5	4298	1/1	0.98	0.11	40,40,40,40	0
88	MG	5	4299	1/1	0.98	0.06	43,43,43,43	1
88	MG	1	4377	1/1	0.98	0.10	60,60,60,60	0
87	OHX	6	2084	7/7	0.98	0.11	79,79,79,79	7
88	MG	5	4302	1/1	0.98	0.16	35,35,35,35	1
88	MG	5	4526	1/1	0.98	0.07	43,43,43,43	0
88	MG	5	4528	1/1	0.98	0.13	43,43,43,43	0
88	MG	5	4529	1/1	0.98	0.21	36,36,36,36	1
88	MG	1	4379	1/1	0.98	0.08	33,33,33,33	1
87	OHX	5	3636	7/7	0.98	0.09	73,73,73,73	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	1966	7/7	0.98	0.11	61,61,61,61	7
87	OHX	m0	301	7/7	0.98	0.12	86,86,86,86	7
88	MG	5	4534	1/1	0.98	0.28	48,48,48,48	1
88	MG	1	4093	1/1	0.98	0.10	42,42,42,42	0
88	MG	5	4536	1/1	0.98	0.18	39,39,39,39	1
87	OHX	6	1934	7/7	0.98	0.15	57,57,57,57	7
88	MG	5	4112	1/1	0.98	0.20	36,36,36,36	1
88	MG	5	4310	1/1	0.98	0.04	33,33,33,33	0
88	MG	6	2318	1/1	0.98	0.07	54,54,54,54	0
87	OHX	6	1935	7/7	0.98	0.11	56,56,56,56	7
87	OHX	6	1936	7/7	0.98	0.13	57,57,57,57	7
87	OHX	1	3478	7/7	0.98	0.14	59,59,59,59	7
88	MG	5	4544	1/1	0.98	0.16	42,42,42,42	1
87	OHX	1	3479	7/7	0.98	0.15	55,55,55,55	7
88	MG	5	4546	1/1	0.98	0.07	49,49,49,49	1
88	MG	5	4118	1/1	0.98	0.26	48,48,48,48	1
88	MG	5	4119	1/1	0.98	0.08	42,42,42,42	0
87	OHX	1	3480	7/7	0.98	0.15	62,62,62,62	7
87	OHX	1	3415	7/7	0.98	0.10	66,66,66,66	7
88	MG	5	4122	1/1	0.98	0.14	55,55,55,55	0
88	MG	5	4553	1/1	0.98	0.08	50,50,50,50	0
88	MG	4	238	1/1	0.98	0.08	40,40,40,40	1
87	OHX	1	3586	7/7	0.98	0.11	91,91,91,91	7
87	OHX	1	3416	7/7	0.98	0.11	59,59,59,59	7
87	OHX	1	3532	7/7	0.98	0.13	54,54,54,54	7
87	OHX	1	3417	7/7	0.98	0.15	48,48,48,48	7
87	OHX	o7	502	7/7	0.98	0.18	64,64,64,64	7
87	OHX	1	3534	7/7	0.98	0.14	62,62,62,62	7
88	MG	4	245	1/1	0.98	0.22	51,51,51,51	0
87	OHX	1	3418	7/7	0.98	0.14	56,56,56,56	7
88	MG	5	4563	1/1	0.98	0.07	48,48,48,48	1
88	MG	1	3854	1/1	0.98	0.10	51,51,51,51	0
87	OHX	1	3536	7/7	0.98	0.07	128,128,128,128	7
87	OHX	q2	502	7/7	0.98	0.14	51,51,51,51	7
88	MG	5	4567	1/1	0.98	0.09	34,34,34,34	1
88	MG	5	3957	1/1	0.98	0.35	29,29,29,29	0
87	OHX	1	3485	7/7	0.98	0.10	89,89,89,89	7
88	MG	L3	406	1/1	0.98	0.15	39,39,39,39	1
88	MG	5	4571	1/1	0.98	0.25	48,48,48,48	1
88	MG	1	4250	1/1	0.98	0.10	51,51,51,51	0
88	MG	L3	408	1/1	0.98	0.20	53,53,53,53	1
88	MG	5	4339	1/1	0.98	0.10	53,53,53,53	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3431	7/7	0.98	0.13	45,45,45,45	7
88	MG	L4	404	1/1	0.98	0.11	42,42,42,42	1
87	OHX	6	1951	7/7	0.98	0.06	133,133,133,133	7
88	MG	2	2207	1/1	0.98	0.13	61,61,61,61	0
87	OHX	2	1906	7/7	0.98	0.10	82,82,82,82	7
87	OHX	1	3435	7/7	0.98	0.10	69,69,69,69	7
88	MG	1	4411	1/1	0.98	0.05	60,60,60,60	1
87	OHX	4	204	7/7	0.98	0.13	57,57,57,57	7
87	OHX	4	205	7/7	0.98	0.11	75,75,75,75	7
87	OHX	1	3489	7/7	0.98	0.14	56,56,56,56	7
87	OHX	1	3439	7/7	0.98	0.16	61,61,61,61	7
88	MG	1	4416	1/1	0.98	0.11	56,56,56,56	0
87	OHX	5	3427	7/7	0.98	0.10	61,61,61,61	7
87	OHX	5	3429	7/7	0.98	0.10	47,47,47,47	7
87	OHX	2	1917	7/7	0.98	0.13	85,85,85,85	7
87	OHX	1	3493	7/7	0.98	0.15	50,50,50,50	7
87	OHX	5	3436	7/7	0.98	0.14	51,51,51,51	7
87	OHX	1	3494	7/7	0.98	0.12	62,62,62,62	7
88	MG	5	4360	1/1	0.98	0.06	35,35,35,35	1
88	MG	2	2220	1/1	0.98	0.06	70,70,70,70	1
88	MG	1	3874	1/1	0.98	0.19	46,46,46,46	0
88	MG	1	4426	1/1	0.98	0.23	49,49,49,49	0
87	OHX	1	3442	7/7	0.98	0.12	65,65,65,65	7
87	OHX	5	3443	7/7	0.98	0.14	60,60,60,60	7
88	MG	1	4271	1/1	0.98	0.04	46,46,46,46	0
88	MG	7	240	1/1	0.98	0.11	47,47,47,47	1
88	MG	5	4368	1/1	0.98	0.16	38,38,38,38	1
88	MG	M6	202	1/1	0.98	0.19	41,41,41,41	1
87	OHX	5	3444	7/7	0.98	0.16	46,46,46,46	7
87	OHX	5	3445	7/7	0.98	0.11	72,72,72,72	7
87	OHX	5	3447	7/7	0.98	0.15	43,43,43,43	7
88	MG	5	4373	1/1	0.98	0.07	36,36,36,36	1
88	MG	5	3990	1/1	0.98	0.21	21,21,21,21	0
88	MG	5	4170	1/1	0.98	0.05	41,41,41,41	0
87	OHX	5	3448	7/7	0.98	0.13	70,70,70,70	7
88	MG	M7	204	1/1	0.98	0.24	40,40,40,40	0
87	OHX	5	3449	7/7	0.98	0.12	79,79,79,79	7
87	OHX	5	3451	7/7	0.98	0.15	54,54,54,54	7
87	OHX	5	3452	7/7	0.98	0.09	115,115,115,115	0
88	MG	1	4279	1/1	0.98	0.08	38,38,38,38	1
87	OHX	1	3496	7/7	0.98	0.15	41,41,41,41	7
87	OHX	5	3454	7/7	0.98	0.18	42,42,42,42	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3444	7/7	0.98	0.12	59,59,59,59	7
87	OHX	1	3445	7/7	0.98	0.10	88,88,88,88	7
88	MG	5	3832	1/1	0.98	0.09	34,34,34,34	0
88	MG	1	3888	1/1	0.98	0.17	41,41,41,41	0
88	MG	5	4003	1/1	0.98	0.23	28,28,28,28	0
87	OHX	2	1918	7/7	0.98	0.14	80,80,80,80	7
87	OHX	2	1921	7/7	0.98	0.10	88,88,88,88	7
88	MG	1	4446	1/1	0.98	0.08	54,54,54,54	0
87	OHX	1	3552	7/7	0.98	0.13	70,70,70,70	7
88	MG	5	4188	1/1	0.98	0.04	36,36,36,36	0
88	MG	l3	404	1/1	0.98	0.04	33,33,33,33	0
87	OHX	1	3450	7/7	0.98	0.14	61,61,61,61	7
87	OHX	1	3502	7/7	0.98	0.22	38,38,38,38	7
87	OHX	5	3472	7/7	0.98	0.15	46,46,46,46	7
88	MG	l3	408	1/1	0.98	0.08	31,31,31,31	0
88	MG	5	4399	1/1	0.98	0.09	40,40,40,40	1
87	OHX	1	3451	7/7	0.98	0.13	70,70,70,70	7
88	MG	5	4012	1/1	0.98	0.31	29,29,29,29	0
87	OHX	1	3504	7/7	0.98	0.11	71,71,71,71	7
88	MG	5	3843	1/1	0.98	0.31	38,38,38,38	0
87	OHX	2	1911	7/7	0.98	0.08	109,109,109,109	0
87	OHX	5	3476	7/7	0.98	0.13	63,63,63,63	7
88	MG	l4	403	1/1	0.98	0.06	39,39,39,39	0
88	MG	5	4406	1/1	0.98	0.09	47,47,47,47	1
87	OHX	5	3477	7/7	0.98	0.11	69,69,69,69	7
87	OHX	5	3478	7/7	0.98	0.16	54,54,54,54	7
88	MG	l5	307	1/1	0.98	0.05	46,46,46,46	1
88	MG	1	3901	1/1	0.98	0.06	48,48,48,48	0
88	MG	l5	309	1/1	0.98	0.07	54,54,54,54	1
87	OHX	2	1907	7/7	0.98	0.08	93,93,93,93	7
87	OHX	2	1903	7/7	0.98	0.10	90,90,90,90	0
87	OHX	1	3508	7/7	0.98	0.13	74,74,74,74	7
87	OHX	5	3482	7/7	0.98	0.13	64,64,64,64	7
88	MG	1	3906	1/1	0.98	0.41	44,44,44,44	0
88	MG	5	4415	1/1	0.98	0.15	39,39,39,39	1
88	MG	5	4206	1/1	0.98	0.11	35,35,35,35	1
88	MG	5	3854	1/1	0.98	0.17	58,58,58,58	0
88	MG	6	2236	1/1	0.98	0.10	54,54,54,54	0
88	MG	l9	203	1/1	0.98	0.06	46,46,46,46	1
87	OHX	1	3456	7/7	0.98	0.18	60,60,60,60	7
88	MG	1	4164	1/1	0.98	0.07	35,35,35,35	1
88	MG	O2	201	1/1	0.98	0.19	30,30,30,30	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3457	7/7	0.98	0.11	96,96,96,96	7
87	OHX	6	1978	7/7	0.98	0.11	52,52,52,52	7
88	MG	5	4032	1/1	0.98	0.07	34,34,34,34	0
87	OHX	5	3486	7/7	0.98	0.14	50,50,50,50	7
88	MG	5	4427	1/1	0.98	0.24	44,44,44,44	1
88	MG	5	4034	1/1	0.98	0.17	29,29,29,29	0
87	OHX	1	3619	7/7	0.98	0.12	51,51,51,51	7
88	MG	5	3863	1/1	0.98	0.16	41,41,41,41	0
88	MG	1	4311	1/1	0.98	0.07	35,35,35,35	1
88	MG	1	4312	1/1	0.98	0.15	51,51,51,51	0
87	OHX	1	3458	7/7	0.98	0.11	59,59,59,59	7
88	MG	1	4315	1/1	0.98	0.09	59,59,59,59	0
88	MG	1	4316	1/1	0.98	0.17	36,36,36,36	1
88	MG	m7	207	1/1	0.98	0.08	41,41,41,41	1
88	MG	m7	208	1/1	0.98	0.12	40,40,40,40	1
88	MG	m7	209	1/1	0.98	0.14	42,42,42,42	1
88	MG	5	4436	1/1	0.98	0.11	33,33,33,33	0
88	MG	m8	1502	1/1	0.98	0.06	47,47,47,47	0
87	OHX	2	1937	7/7	0.98	0.10	94,94,94,94	7
87	OHX	1	3461	7/7	0.98	0.14	62,62,62,62	7
87	OHX	1	3462	7/7	0.98	0.12	45,45,45,45	7
88	MG	1	4041	1/1	0.98	0.15	35,35,35,35	0
88	MG	n0	202	1/1	0.98	0.17	38,38,38,38	1
87	OHX	5	3493	7/7	0.98	0.14	62,62,62,62	7
87	OHX	5	3494	7/7	0.98	0.11	66,66,66,66	7
87	OHX	5	3495	7/7	0.98	0.16	46,46,46,46	7
88	MG	5	4446	1/1	0.98	0.08	44,44,44,44	0
88	MG	5	4447	1/1	0.98	0.07	39,39,39,39	1
88	MG	5	4233	1/1	0.98	0.09	36,36,36,36	1
88	MG	5	4449	1/1	0.98	0.11	33,33,33,33	1
87	OHX	1	3463	7/7	0.98	0.10	113,113,113,113	7
88	MG	1	4325	1/1	0.98	0.31	60,60,60,60	0
87	OHX	7	201	7/7	0.98	0.13	70,70,70,70	7
88	MG	1	4047	1/1	0.98	0.16	41,41,41,41	0
87	OHX	7	202	7/7	0.98	0.11	60,60,60,60	7
87	OHX	1	3465	7/7	0.98	0.15	75,75,75,75	7
88	MG	C1	201	1/1	0.98	0.16	69,69,69,69	0
87	OHX	7	204	7/7	0.98	0.14	43,43,43,43	7
88	MG	5	4459	1/1	0.98	0.27	36,36,36,36	1
87	OHX	5	3498	7/7	0.98	0.13	46,46,46,46	7
88	MG	5	4461	1/1	0.98	0.06	44,44,44,44	0
87	OHX	5	3499	7/7	0.98	0.13	104,104,104,104	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3500	7/7	0.98	0.10	75,75,75,75	7
88	MG	1	4055	1/1	0.98	0.20	38,38,38,38	0
87	OHX	6	1986	7/7	0.98	0.12	73,73,73,73	7
88	MG	1	4190	1/1	0.98	0.07	47,47,47,47	1
88	MG	o3	205	1/1	0.98	0.21	35,35,35,35	1
87	OHX	2	1926	7/7	0.98	0.10	81,81,81,81	7
87	OHX	1	3467	7/7	0.98	0.17	43,43,43,43	7
87	OHX	1	3628	7/7	0.98	0.14	43,43,43,43	7
88	MG	q1	103	1/1	0.98	0.15	46,46,46,46	1
87	OHX	2	1914	7/7	0.98	0.14	69,69,69,69	7
88	MG	q3	502	1/1	0.98	0.25	43,43,43,43	1
87	OHX	5	3506	7/7	0.98	0.18	48,48,48,48	7
88	MG	1	4500	1/1	0.98	0.11	60,60,60,60	0
89	ZN	E1	501	1/1	0.98	0.04	132,132,132,132	0
87	OHX	6	1905	7/7	0.98	0.10	74,74,74,74	0
88	MG	1	4197	1/1	0.98	0.07	38,38,38,38	0
87	OHX	6	1907	7/7	0.98	0.09	76,76,76,76	0
89	ZN	q2	501	1/1	0.98	0.12	69,69,69,69	0
88	MG	1	3812	1/1	0.98	0.34	49,49,49,49	0
88	MG	1	4201	1/1	0.98	0.10	52,52,52,52	1
87	OHX	1	3421	7/7	0.99	0.09	71,71,71,71	7
87	OHX	1	3422	7/7	0.99	0.08	71,71,71,71	7
87	OHX	6	1916	7/7	0.99	0.10	65,65,65,65	7
87	OHX	6	1917	7/7	0.99	0.08	55,55,55,55	7
87	OHX	1	3423	7/7	0.99	0.13	65,65,65,65	7
87	OHX	1	3464	7/7	0.99	0.13	65,65,65,65	7
87	OHX	5	3404	7/7	0.99	0.10	42,42,42,42	2
87	OHX	5	3405	7/7	0.99	0.10	57,57,57,57	1
87	OHX	5	3407	7/7	0.99	0.10	50,50,50,50	7
87	OHX	5	3408	7/7	0.99	0.10	64,64,64,64	7
87	OHX	5	3409	7/7	0.99	0.08	51,51,51,51	7
87	OHX	5	3410	7/7	0.99	0.10	43,43,43,43	7
87	OHX	5	3411	7/7	0.99	0.09	74,74,74,74	1
87	OHX	5	3412	7/7	0.99	0.10	46,46,46,46	7
87	OHX	5	3413	7/7	0.99	0.09	63,63,63,63	0
87	OHX	5	3414	7/7	0.99	0.11	58,58,58,58	7
87	OHX	5	3415	7/7	0.99	0.10	55,55,55,55	7
88	MG	6	2264	1/1	0.99	0.09	46,46,46,46	1
88	MG	5	4421	1/1	0.99	0.06	48,48,48,48	1
87	OHX	5	3416	7/7	0.99	0.08	56,56,56,56	7
87	OHX	5	3417	7/7	0.99	0.07	45,45,45,45	7
87	OHX	5	3418	7/7	0.99	0.10	55,55,55,55	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3419	7/7	0.99	0.06	56,56,56,56	7
87	OHX	5	3420	7/7	0.99	0.08	70,70,70,70	0
87	OHX	5	3421	7/7	0.99	0.09	49,49,49,49	7
87	OHX	5	3422	7/7	0.99	0.07	59,59,59,59	7
88	MG	7	227	1/1	0.99	0.13	41,41,41,41	1
87	OHX	5	3423	7/7	0.99	0.07	66,66,66,66	7
87	OHX	5	3424	7/7	0.99	0.09	64,64,64,64	0
88	MG	5	4279	1/1	0.99	0.10	41,41,41,41	0
87	OHX	5	3425	7/7	0.99	0.10	49,49,49,49	7
88	MG	5	4281	1/1	0.99	0.12	38,38,38,38	1
87	OHX	5	3426	7/7	0.99	0.10	40,40,40,40	7
88	MG	1	4423	1/1	0.99	0.07	55,55,55,55	1
88	MG	5	4284	1/1	0.99	0.09	39,39,39,39	1
88	MG	5	4437	1/1	0.99	0.04	33,33,33,33	0
88	MG	1	4295	1/1	0.99	0.09	44,44,44,44	1
87	OHX	1	3424	7/7	0.99	0.08	79,79,79,79	0
87	OHX	5	3428	7/7	0.99	0.09	59,59,59,59	7
88	MG	5	4144	1/1	0.99	0.06	32,32,32,32	1
88	MG	1	4427	1/1	0.99	0.15	42,42,42,42	1
88	MG	5	4443	1/1	0.99	0.08	34,34,34,34	1
88	MG	1	3832	1/1	0.99	0.11	38,38,38,38	1
87	OHX	4	201	7/7	0.99	0.15	52,52,52,52	2
87	OHX	6	1922	7/7	0.99	0.07	58,58,58,58	7
88	MG	5	4293	1/1	0.99	0.19	33,33,33,33	1
87	OHX	5	3432	7/7	0.99	0.12	54,54,54,54	7
87	OHX	5	3433	7/7	0.99	0.07	100,100,100,100	0
88	MG	L4	402	1/1	0.99	0.12	43,43,43,43	0
87	OHX	4	202	7/7	0.99	0.09	55,55,55,55	7
87	OHX	n1	201	7/7	0.99	0.10	48,48,48,48	7
87	OHX	n3	201	7/7	0.99	0.11	55,55,55,55	7
88	MG	L4	406	1/1	0.99	0.11	38,38,38,38	1
88	MG	1	4306	1/1	0.99	0.04	45,45,45,45	1
88	MG	1	4185	1/1	0.99	0.06	46,46,46,46	0
88	MG	5	4457	1/1	0.99	0.08	45,45,45,45	1
87	OHX	5	3435	7/7	0.99	0.12	57,57,57,57	7
87	OHX	n9	101	7/7	0.99	0.11	59,59,59,59	7
87	OHX	6	1924	7/7	0.99	0.10	54,54,54,54	7
87	OHX	5	3437	7/7	0.99	0.09	54,54,54,54	7
87	OHX	5	3438	7/7	0.99	0.11	56,56,56,56	7
88	MG	1	4313	1/1	0.99	0.13	38,38,38,38	1
87	OHX	5	3439	7/7	0.99	0.07	82,82,82,82	7
88	MG	5	4465	1/1	0.99	0.09	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3425	7/7	0.99	0.11	62,62,62,62	7
87	OHX	1	3426	7/7	0.99	0.12	55,55,55,55	7
87	OHX	5	3442	7/7	0.99	0.11	56,56,56,56	7
87	OHX	1	3468	7/7	0.99	0.09	54,54,54,54	7
87	OHX	1	3427	7/7	0.99	0.08	86,86,86,86	7
88	MG	M3	202	1/1	0.99	0.08	49,49,49,49	1
87	OHX	1	3428	7/7	0.99	0.09	64,64,64,64	7
88	MG	1	4198	1/1	0.99	0.07	59,59,59,59	1
87	OHX	5	3446	7/7	0.99	0.12	41,41,41,41	7
87	OHX	1	3429	7/7	0.99	0.09	53,53,53,53	7
87	OHX	1	3560	7/7	0.99	0.10	54,54,54,54	7
87	OHX	6	1932	7/7	0.99	0.09	47,47,47,47	7
87	OHX	5	3450	7/7	0.99	0.10	77,77,77,77	7
87	OHX	1	3430	7/7	0.99	0.08	68,68,68,68	7
87	OHX	2	1904	7/7	0.99	0.10	89,89,89,89	7
87	OHX	1	3474	7/7	0.99	0.09	58,58,58,58	7
87	OHX	2	1919	7/7	0.99	0.06	78,78,78,78	7
87	OHX	5	3455	7/7	0.99	0.10	80,80,80,80	7
87	OHX	5	3456	7/7	0.99	0.12	68,68,68,68	7
87	OHX	1	3433	7/7	0.99	0.10	61,61,61,61	7
88	MG	5	4486	1/1	0.99	0.11	46,46,46,46	0
87	OHX	1	3434	7/7	0.99	0.12	59,59,59,59	7
87	OHX	2	1920	7/7	0.99	0.12	84,84,84,84	7
87	OHX	5	3460	7/7	0.99	0.10	45,45,45,45	7
88	MG	5	4333	1/1	0.99	0.07	47,47,47,47	0
87	OHX	1	3436	7/7	0.99	0.10	75,75,75,75	7
88	MG	M7	210	1/1	0.99	0.05	45,45,45,45	1
87	OHX	5	3462	7/7	0.99	0.08	63,63,63,63	7
87	OHX	5	3463	7/7	0.99	0.11	66,66,66,66	7
88	MG	1	4340	1/1	0.99	0.09	40,40,40,40	0
87	OHX	5	3464	7/7	0.99	0.12	63,63,63,63	7
87	OHX	5	3465	7/7	0.99	0.13	49,49,49,49	7
87	OHX	5	3466	7/7	0.99	0.06	90,90,90,90	7
88	MG	N0	201	1/1	0.99	0.11	49,49,49,49	1
87	OHX	5	3467	7/7	0.99	0.09	76,76,76,76	7
87	OHX	5	3468	7/7	0.99	0.12	53,53,53,53	7
87	OHX	6	1941	7/7	0.99	0.09	79,79,79,79	7
87	OHX	1	3437	7/7	0.99	0.12	52,52,52,52	7
87	OHX	1	3438	7/7	0.99	0.10	55,55,55,55	7
87	OHX	2	1905	7/7	0.99	0.11	71,71,71,71	7
88	MG	5	4349	1/1	0.99	0.09	39,39,39,39	1
87	OHX	5	3580	7/7	0.99	0.14	52,52,52,52	7

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3440	7/7	0.99	0.10	61,61,61,61	7
87	OHX	1	3401	7/7	0.99	0.08	48,48,48,48	0
88	MG	5	4353	1/1	0.99	0.06	36,36,36,36	1
87	OHX	1	3402	7/7	0.99	0.09	58,58,58,58	2
87	OHX	1	3443	7/7	0.99	0.12	69,69,69,69	7
87	OHX	1	3404	7/7	0.99	0.07	59,59,59,59	2
87	OHX	1	3405	7/7	0.99	0.09	58,58,58,58	1
87	OHX	1	3446	7/7	0.99	0.09	46,46,46,46	7
87	OHX	1	3490	7/7	0.99	0.11	66,66,66,66	7
88	MG	5	4212	1/1	0.99	0.11	44,44,44,44	0
88	MG	1	4116	1/1	0.99	0.39	51,51,51,51	0
87	OHX	1	3407	7/7	0.99	0.09	64,64,64,64	0
87	OHX	1	3409	7/7	0.99	0.07	55,55,55,55	1
88	MG	1	4362	1/1	0.99	0.08	42,42,42,42	1
88	MG	O1	206	1/1	0.99	0.13	59,59,59,59	1
88	MG	5	4366	1/1	0.99	0.30	47,47,47,47	1
87	OHX	1	3449	7/7	0.99	0.08	74,74,74,74	7
87	OHX	1	3411	7/7	0.99	0.11	53,53,53,53	7
87	OHX	1	3413	7/7	0.99	0.08	56,56,56,56	7
88	MG	n1	203	1/1	0.99	0.05	37,37,37,37	1
88	MG	5	4527	1/1	0.99	0.10	39,39,39,39	0
87	OHX	N9	101	7/7	0.99	0.11	58,58,58,58	7
88	MG	1	4007	1/1	0.99	0.26	31,31,31,31	0
88	MG	n3	205	1/1	0.99	0.13	34,34,34,34	1
87	OHX	1	3414	7/7	0.99	0.13	49,49,49,49	7
87	OHX	2	1910	7/7	0.99	0.08	94,94,94,94	7
87	OHX	2	1902	7/7	0.99	0.08	86,86,86,86	0
87	OHX	1	3455	7/7	0.99	0.10	81,81,81,81	7
87	OHX	5	3491	7/7	0.99	0.13	47,47,47,47	7
87	OHX	2	1901	7/7	0.99	0.10	81,81,81,81	0
87	OHX	6	1901	7/7	0.99	0.09	62,62,62,62	0
88	MG	5	4230	1/1	0.99	0.10	44,44,44,44	0
88	MG	5	4380	1/1	0.99	0.06	34,34,34,34	1
88	MG	1	4131	1/1	0.99	0.09	41,41,41,41	0
87	OHX	6	1902	7/7	0.99	0.08	77,77,77,77	2
87	OHX	6	1903	7/7	0.99	0.10	63,63,63,63	3
88	MG	5	4384	1/1	0.99	0.04	40,40,40,40	0
88	MG	1	4253	1/1	0.99	0.11	44,44,44,44	1
87	OHX	6	1904	7/7	0.99	0.08	71,71,71,71	7
87	OHX	2	1925	7/7	0.99	0.06	112,112,112,112	7
88	MG	5	4237	1/1	0.99	0.09	38,38,38,38	1
88	MG	5	4547	1/1	0.99	0.12	41,41,41,41	1

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	1906	7/7	0.99	0.11	55,55,55,55	7
88	MG	o7	504	1/1	0.99	0.10	37,37,37,37	1
88	MG	q0	202	1/1	0.99	0.12	42,42,42,42	0
87	OHX	1	3419	7/7	0.99	0.10	62,62,62,62	7
88	MG	1	4383	1/1	0.99	0.07	51,51,51,51	1
87	OHX	6	1908	7/7	0.99	0.09	71,71,71,71	7
88	MG	1	4385	1/1	0.99	0.06	59,59,59,59	1
88	MG	1	4022	1/1	0.99	0.07	40,40,40,40	0
89	ZN	D6	101	1/1	0.99	0.04	88,88,88,88	0
87	OHX	6	1909	7/7	0.99	0.10	79,79,79,79	7
87	OHX	s1	301	7/7	0.99	0.06	80,80,80,80	0
87	OHX	6	1910	7/7	0.99	0.07	60,60,60,60	7
89	ZN	d6	500	1/1	0.99	0.04	67,67,67,67	0
87	OHX	8	202	7/7	0.99	0.12	49,49,49,49	2
89	ZN	d9	101	1/1	0.99	0.03	81,81,81,81	0
87	OHX	1	3459	7/7	0.99	0.10	74,74,74,74	7
88	MG	1	4392	1/1	0.99	0.09	45,45,45,45	1
87	OHX	6	1912	7/7	0.99	0.09	72,72,72,72	7
87	OHX	1	3420	7/7	0.99	0.11	49,49,49,49	7
87	OHX	1	3410	7/7	1.00	0.04	67,67,67,67	0
87	OHX	1	3403	7/7	1.00	0.09	48,48,48,48	2
89	ZN	D9	101	1/1	1.00	0.02	79,79,79,79	0
87	OHX	8	201	7/7	1.00	0.07	55,55,55,55	7
89	ZN	O7	101	1/1	1.00	0.02	47,47,47,47	0
89	ZN	Q0	201	1/1	1.00	0.03	53,53,53,53	0
87	OHX	5	3401	7/7	1.00	0.07	48,48,48,48	3
89	ZN	Q3	501	1/1	1.00	0.01	73,73,73,73	0
87	OHX	5	3402	7/7	1.00	0.07	48,48,48,48	0
87	OHX	5	3403	7/7	1.00	0.09	44,44,44,44	2
87	OHX	5	3431	7/7	1.00	0.08	50,50,50,50	7
87	OHX	1	3412	7/7	1.00	0.09	69,69,69,69	0
89	ZN	o7	501	1/1	1.00	0.01	53,53,53,53	0
89	ZN	q0	201	1/1	1.00	0.01	40,40,40,40	0
87	OHX	1	3408	7/7	1.00	0.07	47,47,47,47	7
89	ZN	q3	501	1/1	1.00	0.03	64,64,64,64	0
87	OHX	5	3406	7/7	1.00	0.08	58,58,58,58	2
87	OHX	1	3406	7/7	1.00	0.07	53,53,53,53	3

5.5 Other polymers ⓘ

There are no such residues in this entry.