



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 5, 2026 – 08:15 PM UTC

PDB ID : 6TW7 / pdb_00006tw7
Title : Leishmania major N-myristoyltransferase in complex with indazole inhibitor IMP-918
Authors : Brannigan, J.A.
Deposited on : 2020-01-12
Resolution : 1.40 Å(reported)

This is a Full wwPDB X-ray Structure Validation 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	:	4-5-2 with Phenix2.0
Mogul	:	2022.3.0, CSD as543be (2022)
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	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

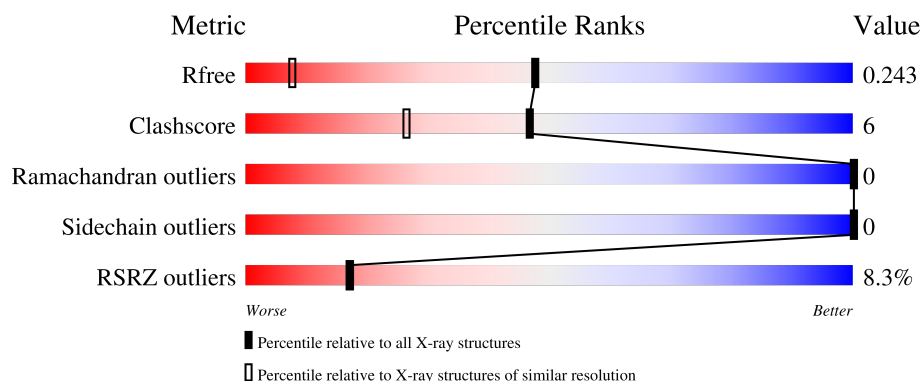
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 1.40 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))
R_{free}	180053	2563 (1.40-1.40)
Clashscore	190562	2660 (1.40-1.40)
Ramachandran outliers	187476	2611 (1.40-1.40)
Sidechain outliers	187428	2610 (1.40-1.40)
RSRZ outliers	180081	2561 (1.40-1.40)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. A grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	AAA	418	

2 Entry composition [i](#)

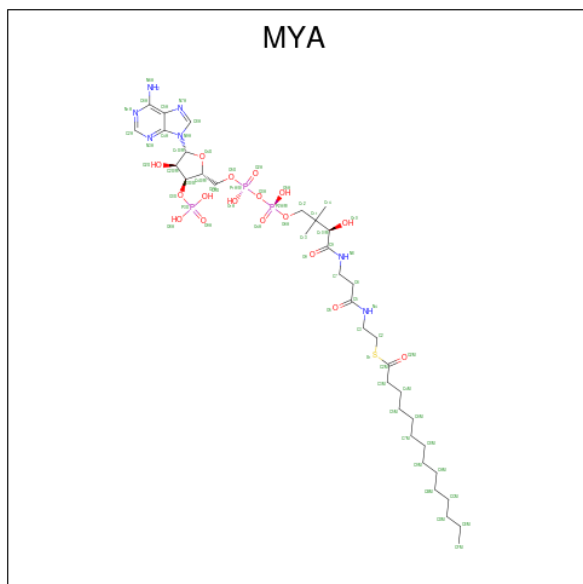
There are 5 unique types of molecules in this entry. The entry contains 3985 atoms, of which 0 are hydrogens and 0 are deuteriums.

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 protein called Glycylpeptide N-tetradecanoyltransferase.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
1	AAA	411	3486	2268	575	624	19	0	26	0

- Molecule 2 is TETRADECANOYL-COA (CCD ID: MYA) (formula: $C_{35}H_{62}N_7O_{17}P_3S$).



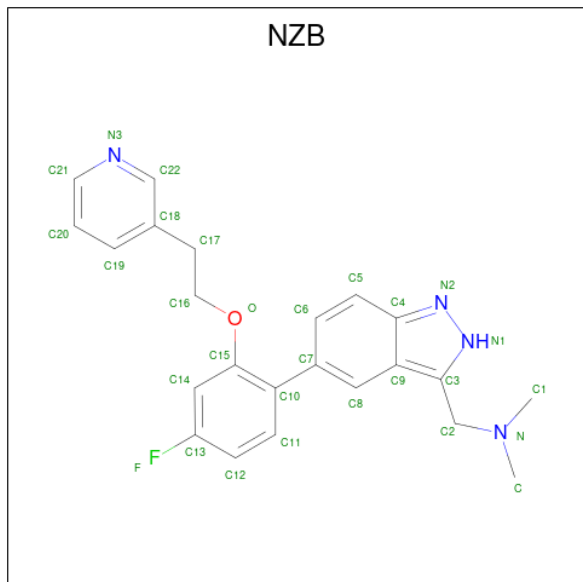
Mol	Chain	Residues	Atoms						ZeroOcc	AltConf
			Total	C	N	O	P	S		
2	AAA	1	63	35	7	17	3	1	0	0

- Molecule 3 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
3	AAA	1	Total	Mg	0	0
			1	1		

- Molecule 4 is [(5-{4-fluoro-2-[2-(pyridin-3-yl)ethoxy]phenyl}-1H-indazol-3-yl)methyl]di

methylamine (CCD ID: NZB) (formula: $C_{23}H_{23}FN_4O$) (labeled as "Ligand of Interest" by depositor).



Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
4	AAA	1	Total	C	F	N	O	0	0
			29	23	1	4	1		

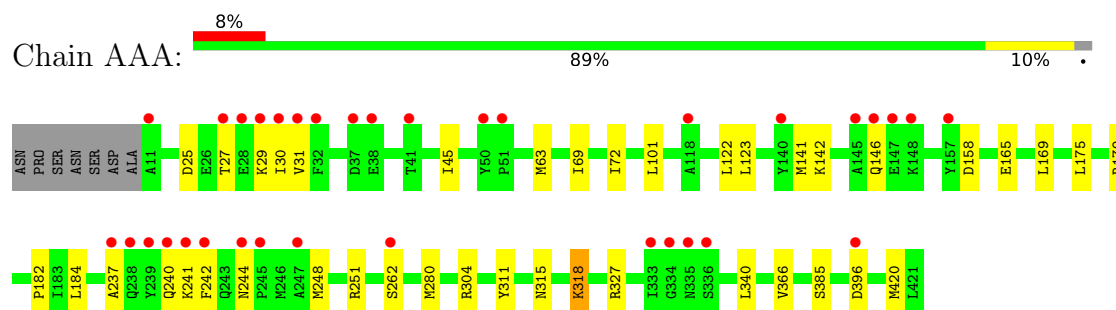
- Molecule 5 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
5	AAA	406	Total	O	0	0
			406	406		

3 Residue-property plots [i](#)

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

- Molecule 1: Glycylpeptide N-tetradecanoyltransferase



4 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	48.38Å 91.90Å 53.61Å 90.00° 113.70° 90.00°	Depositor
Resolution (Å)	49.00 – 1.40 49.00 – 1.40	Depositor EDS
% Data completeness (in resolution range)	99.2 (49.00-1.40) 99.2 (49.00-1.40)	Depositor EDS
R_{merge}	0.03	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.44 (at 1.40Å)	Xtriage
Refinement program	REFMAC 5.8.0258	Depositor
R, R_{free}	0.205 , 0.243 0.205 , 0.243	Depositor DCC
R_{free} test set	4186 reflections (4.94%)	wwPDB-VP
Wilson B-factor (Å ²)	19.4	Xtriage
Anisotropy	0.347	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.32 , 28.5	EDS
L-test for twinning ²	$\langle L \rangle = 0.49$, $\langle L^2 \rangle = 0.32$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.97	EDS
Total number of atoms	3985	wwPDB-VP
Average B, all atoms (Å ²)	25.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 6.54% 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.

5 Model quality [i](#)

5.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: MG, NZB, MYA

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 $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	$\# Z > 5$	RMSZ	$\# Z > 5$
1	AAA	0.71	4/3664 (0.1%)	1.22	14/4975 (0.3%)

All (4) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	AAA	396[A]	ASP	C-O	7.46	1.33	1.24
1	AAA	396[B]	ASP	C-O	7.46	1.33	1.24
1	AAA	318[A]	LYS	C-O	5.57	1.30	1.24
1	AAA	318[B]	LYS	C-O	5.57	1.30	1.24

All (14) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	AAA	262	SER	CA-C-N	-7.54	111.47	123.31
1	AAA	262	SER	C-N-CA	-7.54	111.47	123.31
1	AAA	396[A]	ASP	N-CA-C	7.01	121.44	113.02
1	AAA	396[B]	ASP	N-CA-C	7.01	121.44	113.02
1	AAA	396[A]	ASP	CA-C-O	5.51	127.72	119.23
1	AAA	396[B]	ASP	CA-C-O	5.51	127.72	119.23
1	AAA	304	ARG	CG-CD-NE	-5.50	99.90	112.00
1	AAA	385[A]	SER	CA-C-N	-5.47	113.95	122.37
1	AAA	385[A]	SER	C-N-CA	-5.47	113.95	122.37
1	AAA	385[B]	SER	CA-C-N	-5.47	113.95	122.37
1	AAA	385[B]	SER	C-N-CA	-5.47	113.95	122.37
1	AAA	146	GLN	CA-C-N	5.24	127.83	120.28
1	AAA	146	GLN	C-N-CA	5.24	127.83	120.28
1	AAA	45	ILE	N-CA-C	5.01	112.94	108.63

There are no chirality outliers.

There are no planarity outliers.

5.2 Too-close contacts ⓘ

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in the chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	AAA	3486	0	3508	41	0
2	AAA	63	0	58	0	0
3	AAA	1	0	0	0	0
4	AAA	29	0	0	0	0
5	AAA	406	0	0	2	0
All	All	3985	0	3566	41	0

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 6.

All (41) close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:AAA:63[B]:MET:HE1	1:AAA:72[B]:ILE:CD1	1.56	1.34
1:AAA:63[B]:MET:CE	1:AAA:72[B]:ILE:HD12	1.86	1.06
1:AAA:315:ASN:O	1:AAA:318[A]:LYS:HG3	1.55	1.04
1:AAA:63[B]:MET:HE1	1:AAA:72[B]:ILE:HD12	1.05	1.03
1:AAA:63[B]:MET:HE3	1:AAA:69[B]:ILE:HD13	1.43	1.00
1:AAA:63[B]:MET:HB3	1:AAA:69[B]:ILE:HD11	1.45	0.99
1:AAA:251[A]:ARG:HH11	1:AAA:251[A]:ARG:HG3	1.25	0.99
1:AAA:25:ASP:O	1:AAA:29:LYS:HD3	1.74	0.88
1:AAA:63[B]:MET:CE	1:AAA:69[B]:ILE:HD13	2.03	0.87
1:AAA:63[B]:MET:CE	1:AAA:72[B]:ILE:CD1	2.48	0.81
1:AAA:315:ASN:O	1:AAA:318[A]:LYS:CG	2.31	0.79
1:AAA:25:ASP:O	1:AAA:29:LYS:CD	2.36	0.74
1:AAA:251[A]:ARG:HH11	1:AAA:251[A]:ARG:CG	2.00	0.74
1:AAA:63[B]:MET:HE1	1:AAA:72[B]:ILE:HD11	1.68	0.72
1:AAA:63[B]:MET:HE3	1:AAA:69[B]:ILE:CD1	2.22	0.68
1:AAA:72[A]:ILE:HD13	1:AAA:122:LEU:CD2	2.28	0.64
1:AAA:142:LYS:NZ	1:AAA:158:ASP:OD2	2.29	0.64
1:AAA:72[A]:ILE:HD13	1:AAA:122:LEU:HD22	1.80	0.62
1:AAA:340:LEU:HD21	5:AAA:1230:HOH:O	1.98	0.62
1:AAA:123:LEU:HD13	1:AAA:175:LEU:HD11	1.82	0.61
1:AAA:31:VAL:HA	1:AAA:141:MET:HE2	1.85	0.58
1:AAA:251[A]:ARG:HG3	1:AAA:251[A]:ARG:NH1	2.05	0.54

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:AAA:63[B]:MET:CE	1:AAA:69[B]:ILE:CD1	2.83	0.53
1:AAA:63[B]:MET:HE2	1:AAA:69[B]:ILE:HD13	1.92	0.51
1:AAA:327:ARG:NH1	5:AAA:1107:HOH:O	2.44	0.51
1:AAA:248:MET:SD	1:AAA:251[B]:ARG:NH1	2.84	0.50
1:AAA:280:MET:HA	1:AAA:280:MET:HE2	1.94	0.50
1:AAA:237:ALA:O	1:AAA:240:GLN:HB2	2.12	0.49
1:AAA:311:TYR:CE1	1:AAA:366:VAL:HG11	2.49	0.48
1:AAA:27:THR:HA	1:AAA:30:ILE:HD12	1.96	0.48
1:AAA:165:GLU:CG	1:AAA:420:MET:HE3	2.45	0.47
1:AAA:251[A]:ARG:CG	1:AAA:251[A]:ARG:NH1	2.64	0.46
1:AAA:29:LYS:N	1:AAA:29:LYS:HD2	2.32	0.44
1:AAA:123:LEU:HD13	1:AAA:175:LEU:CD1	2.48	0.43
1:AAA:244:ASN:OD1	1:AAA:244:ASN:C	2.61	0.43
1:AAA:31:VAL:CA	1:AAA:141:MET:HE2	2.47	0.43
1:AAA:315:ASN:HB2	1:AAA:318[A]:LYS:HE3	2.00	0.42
1:AAA:63[A]:MET:HE3	1:AAA:101:LEU:HD13	2.01	0.42
1:AAA:179:ARG:C	1:AAA:182:PRO:HD2	2.46	0.41
1:AAA:241:LYS:HE3	1:AAA:242:PHE:CZ	2.55	0.41
1:AAA:169:LEU:HD12	1:AAA:184[B]:LEU:HD23	2.03	0.41

There are no symmetry-related clashes.

5.3 Torsion angles ⓘ

5.3.1 Protein backbone ⓘ

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the backbone conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	AAA	435/418 (104%)	425 (98%)	10 (2%)	0	100	100

There are no Ramachandran outliers to report.

5.3.2 Protein sidechains [i](#)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the sidechain conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	AAA	388/368 (105%)	388 (100%)	0	100	100

There are no protein residues with a non-rotameric sidechain to report.

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. There are no such sidechains identified.

5.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

There are no non-standard protein/DNA/RNA residues in this entry.

5.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.6 Ligand geometry [i](#)

Of 3 ligands modelled in this entry, 1 is monoatomic - leaving 2 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	$\# Z > 2$
4	NZB	AAA	1003	-	30,32,32	1.11	2 (6%)	35,44,44	1.86	12 (34%)

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
2	MYA	AAA	1001	3	63,65,65	1.11	7 (11%)	85,91,91	1.12	6 (7%)

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
4	NZB	AAA	1003	-	-	0/14/14/14	0/4/4/4
2	MYA	AAA	1001	3	-	3/64/80/80	0/3/3/3

All (9) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
2	AAA	1001	MYA	P1A-O3A	3.34	1.63	1.59
2	AAA	1001	MYA	C4A-N9A	-2.54	1.32	1.37
4	AAA	1003	NZB	C4-N2	2.51	1.36	1.33
2	AAA	1001	MYA	P3X-O7A	-2.36	1.46	1.54
2	AAA	1001	MYA	C3M-C2M	2.23	1.53	1.50
4	AAA	1003	NZB	O-C15	-2.21	1.33	1.37
2	AAA	1001	MYA	P2A-O5A	-2.17	1.45	1.55
2	AAA	1001	MYA	O2M-C2M	2.09	1.24	1.21
2	AAA	1001	MYA	P1A-O1A	-2.08	1.45	1.55

All (18) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
4	AAA	1003	NZB	C20-C19-C18	-4.50	114.29	120.61
4	AAA	1003	NZB	C6-C5-C4	-3.77	116.29	120.80
4	AAA	1003	NZB	F-C13-C12	-3.39	113.11	118.55
4	AAA	1003	NZB	C19-C20-C21	3.24	123.61	118.92
4	AAA	1003	NZB	C11-C10-C15	3.02	121.78	117.40
2	AAA	1001	MYA	O2M-C2M-C3M	-2.83	120.72	123.98
4	AAA	1003	NZB	C-N-C1	2.65	116.51	109.72
4	AAA	1003	NZB	C19-C18-C22	2.62	120.95	117.10
2	AAA	1001	MYA	C5A-C4A-N3A	-2.56	123.19	126.72
2	AAA	1001	MYA	N9A-C8A-N7A	-2.48	110.42	113.94
4	AAA	1003	NZB	C3-C2-N	2.46	117.55	112.81
4	AAA	1003	NZB	C12-C13-C14	2.36	126.35	123.23
2	AAA	1001	MYA	N3A-C2A-N1A	-2.23	125.21	128.58
4	AAA	1003	NZB	C8-C7-C10	-2.19	116.93	120.61
4	AAA	1003	NZB	C5-C6-C7	2.05	124.23	121.43

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Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	AAA	1001	MYA	C4A-N9A-C8A	2.05	107.89	105.74
4	AAA	1003	NZB	C16-O-C15	2.03	122.59	117.69
2	AAA	1001	MYA	O3A-P2A-O4A	-2.02	104.62	110.70

There are no chirality outliers.

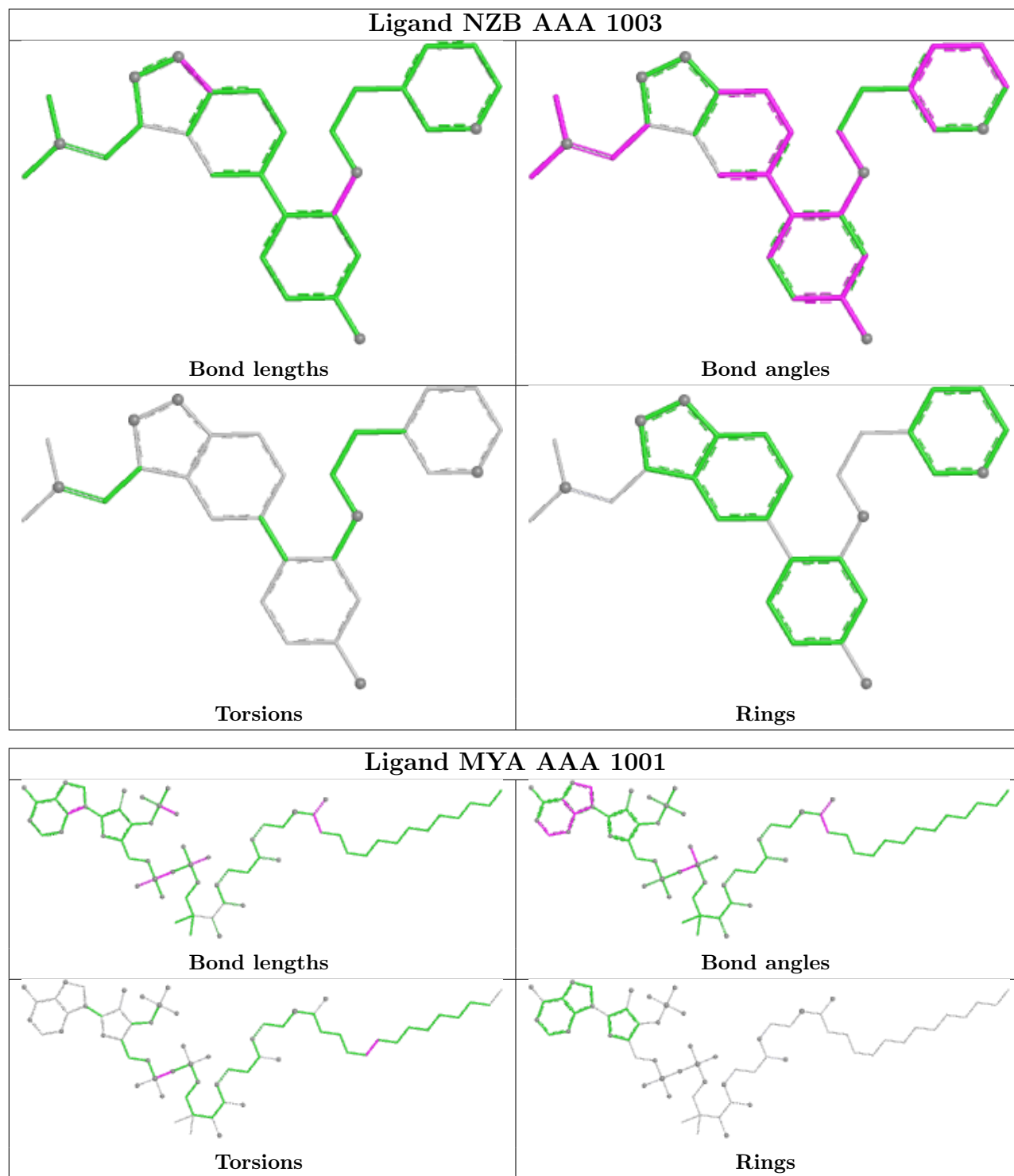
All (3) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
2	AAA	1001	MYA	C5M-C6M-C7M-C8M
2	AAA	1001	MYA	P2A-O3A-P1A-O1A
2	AAA	1001	MYA	P2A-O3A-P1A-O2A

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.



5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues ⓘ

There are no chain breaks in this entry.

6 Fit of model and data ⓘ

6.1 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	AAA	411/418 (98%)	0.50	34 (8%) 17 17	8, 21, 41, 63	33 (8%)

All (34) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	AAA	29	LYS	4.3
1	AAA	242	PHE	3.9
1	AAA	241	LYS	3.7
1	AAA	245	PRO	3.5
1	AAA	334	GLY	3.1
1	AAA	32	PHE	3.0
1	AAA	11	ALA	3.0
1	AAA	118	ALA	3.0
1	AAA	31	VAL	2.9
1	AAA	262	SER	2.7
1	AAA	335	ASN	2.7
1	AAA	145	ALA	2.7
1	AAA	27	THR	2.7
1	AAA	333	ILE	2.6
1	AAA	38	GLU	2.6
1	AAA	37	ASP	2.4
1	AAA	30	ILE	2.3
1	AAA	147	GLU	2.3
1	AAA	148	LYS	2.3
1	AAA	336	SER	2.3
1	AAA	237	ALA	2.3
1	AAA	240	GLN	2.3
1	AAA	247	ALA	2.2
1	AAA	140	TYR	2.2
1	AAA	41	THR	2.2
1	AAA	244	ASN	2.2
1	AAA	157	TYR	2.2

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Mol	Chain	Res	Type	RSRZ
1	AAA	51	PRO	2.2
1	AAA	28	GLU	2.2
1	AAA	396[A]	ASP	2.1
1	AAA	50	TYR	2.1
1	AAA	239	TYR	2.0
1	AAA	146	GLN	2.0
1	AAA	238	GLN	2.0

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

There are no non-standard protein/DNA/RNA residues in this entry.

6.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.4 Ligands [i](#)

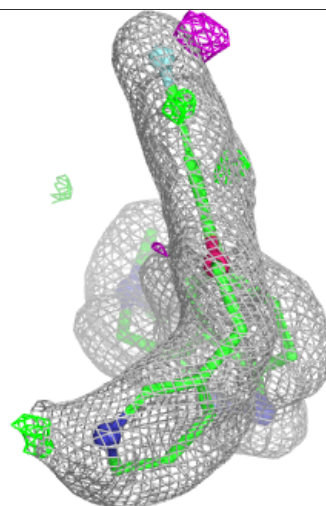
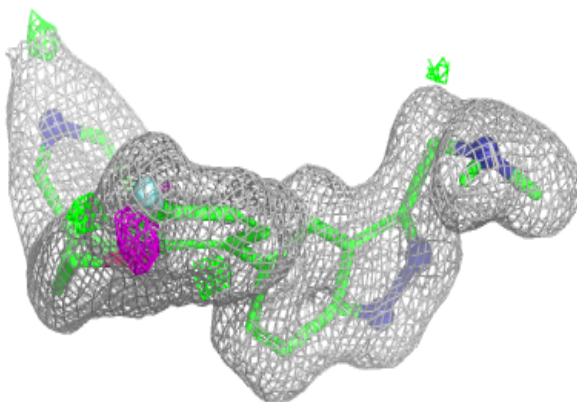
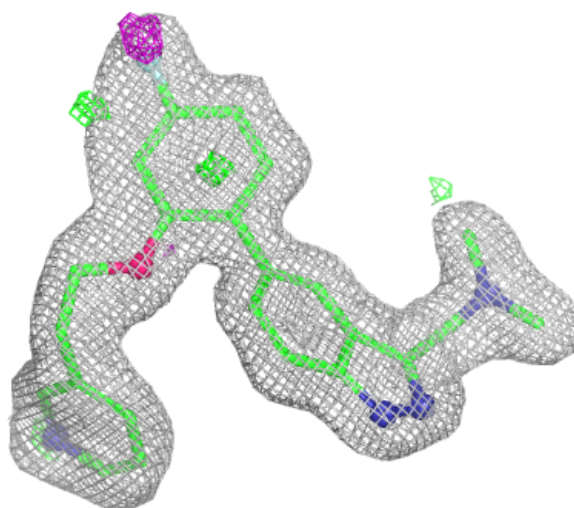
In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists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

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
4	NZB	AAA	1003	29/29	0.96	0.07	15,19,30,32	0
2	MYA	AAA	1001	63/63	0.98	0.05	13,17,21,24	0
3	MG	AAA	1002	1/1	0.99	0.07	28,28,28,28	0

The following is a graphical depiction of the model fit to experimental electron density of all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the geometry validation Tables will also be included. Each fit is shown from different orientation to approximate a three-dimensional view.

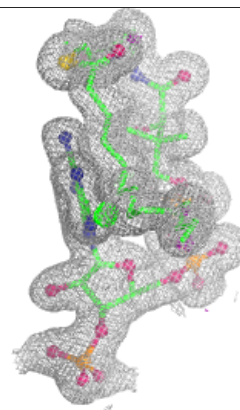
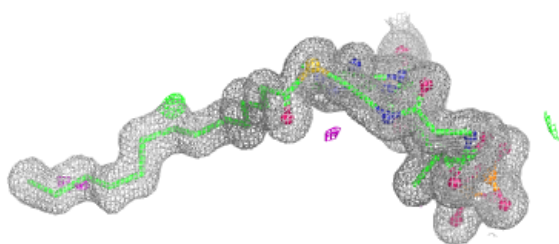
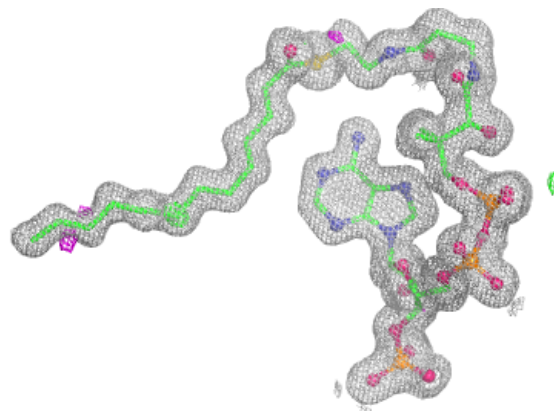
Electron density around NZB AAA 1003:

$2mF_o-DF_c$ (at 0.7 rmsd) in gray
 mF_o-DF_c (at 3 rmsd) in purple (negative)
and green (positive)



Electron density around MYA AAA 1001:

$2mF_o-DF_c$ (at 0.7 rmsd) in gray
 mF_o-DF_c (at 3 rmsd) in purple (negative)
and green (positive)



6.5 Other polymers [i](#)

There are no such residues in this entry.