



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 6, 2026 – 06:06 AM UTC

PDB ID : 6NZP / pdb_00006nzp
Title : CRYSTAL STRUCTURE OF TYROSINE KINASE 2 JH2 (PSEUDO KINASE DOMAIN) COMPLEXED WITH COMPOUND-11 AKA 6-CYCLOPROPANEAMIDO-4-{[2-METHOXY-3-(1-METHYL-1H-1,2,4-TRI AZOL-3-YL)PHENYL]AMINO}-N-(?H?)METHYLPYRIDAZINE-3-CARBOXAMIDE
Authors : Khan, J.A.
Deposited on : 2019-02-14
Resolution : 2.35 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)

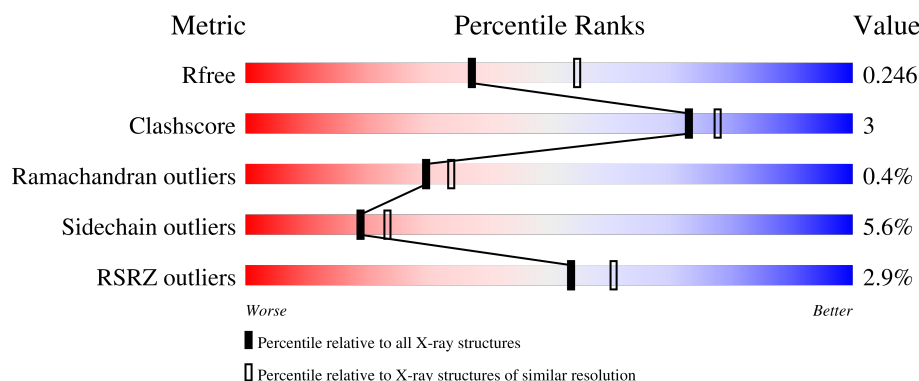
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.35 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	1596 (2.36-2.36)
Clashscore	190562	1663 (2.36-2.36)
Ramachandran outliers	187476	1646 (2.36-2.36)
Sidechain outliers	187428	1646 (2.36-2.36)
RSRZ outliers	180081	1598 (2.36-2.36)

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	A	317	
1	B	317	

Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
 Validation Pipeline (wwPDB-VP) : 2.49

2 Entry composition

There are 4 unique types of molecules in this entry. The entry contains 4208 atoms, of which 44 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 Non-receptor tyrosine-protein kinase TYK2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	A	259	Total	C	N	O	S	0	2	0
			2009	1275	359	363	12			
1	B	260	Total	C	N	O	S	0	1	0
			2016	1278	362	364	12			

There are 44 discrepancies between the modelled and reference sequences:

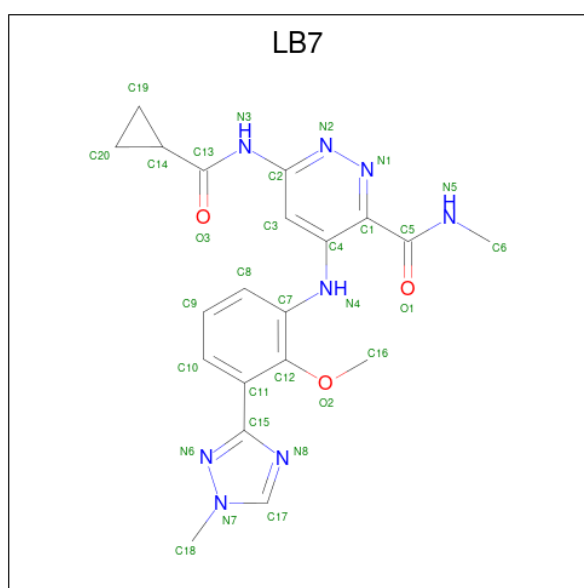
Chain	Residue	Modelled	Actual	Comment	Reference
A	553	MET	-	expression tag	UNP P29597
A	554	GLY	-	expression tag	UNP P29597
A	555	SER	-	expression tag	UNP P29597
A	556	SER	-	expression tag	UNP P29597
A	557	HIS	-	expression tag	UNP P29597
A	558	HIS	-	expression tag	UNP P29597
A	559	HIS	-	expression tag	UNP P29597
A	560	HIS	-	expression tag	UNP P29597
A	561	HIS	-	expression tag	UNP P29597
A	562	HIS	-	expression tag	UNP P29597
A	563	SER	-	expression tag	UNP P29597
A	564	SER	-	expression tag	UNP P29597
A	565	GLY	-	expression tag	UNP P29597
A	566	GLU	-	expression tag	UNP P29597
A	567	THR	-	expression tag	UNP P29597
A	568	VAL	-	expression tag	UNP P29597
A	569	ARG	-	expression tag	UNP P29597
A	570	PHE	-	expression tag	UNP P29597
A	571	GLN	-	expression tag	UNP P29597
A	572	GLY	-	expression tag	UNP P29597
A	573	HIS	-	expression tag	UNP P29597
A	574	MET	-	expression tag	UNP P29597
B	553	MET	-	expression tag	UNP P29597
B	554	GLY	-	expression tag	UNP P29597
B	555	SER	-	expression tag	UNP P29597

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Chain	Residue	Modelled	Actual	Comment	Reference
B	556	SER	-	expression tag	UNP P29597
B	557	HIS	-	expression tag	UNP P29597
B	558	HIS	-	expression tag	UNP P29597
B	559	HIS	-	expression tag	UNP P29597
B	560	HIS	-	expression tag	UNP P29597
B	561	HIS	-	expression tag	UNP P29597
B	562	HIS	-	expression tag	UNP P29597
B	563	SER	-	expression tag	UNP P29597
B	564	SER	-	expression tag	UNP P29597
B	565	GLY	-	expression tag	UNP P29597
B	566	GLU	-	expression tag	UNP P29597
B	567	THR	-	expression tag	UNP P29597
B	568	VAL	-	expression tag	UNP P29597
B	569	ARG	-	expression tag	UNP P29597
B	570	PHE	-	expression tag	UNP P29597
B	571	GLN	-	expression tag	UNP P29597
B	572	GLY	-	expression tag	UNP P29597
B	573	HIS	-	expression tag	UNP P29597
B	574	MET	-	expression tag	UNP P29597

- Molecule 2 is 6-[(cyclopropanecarbonyl)amino]-4-{[2-methoxy-3-(1-methyl-1H-1,2,4-triazol-3-yl)phenyl]amino}-N-methylpyridazine-3-carboxamide (CCD ID: LB7) (formula: C₂₀H₂₂N₈O₃).



Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
2	A	1	Total	C	H	N	O	22	0
			53	20	22	8	3		

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
2	B	1	Total	C	H	N	O	22	0
			53	20	22	8	3		

- Molecule 3 is CHLORIDE ION (CCD ID: CL) (formula: Cl).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
3	B	1	Total	Cl	0	0
			1	1		

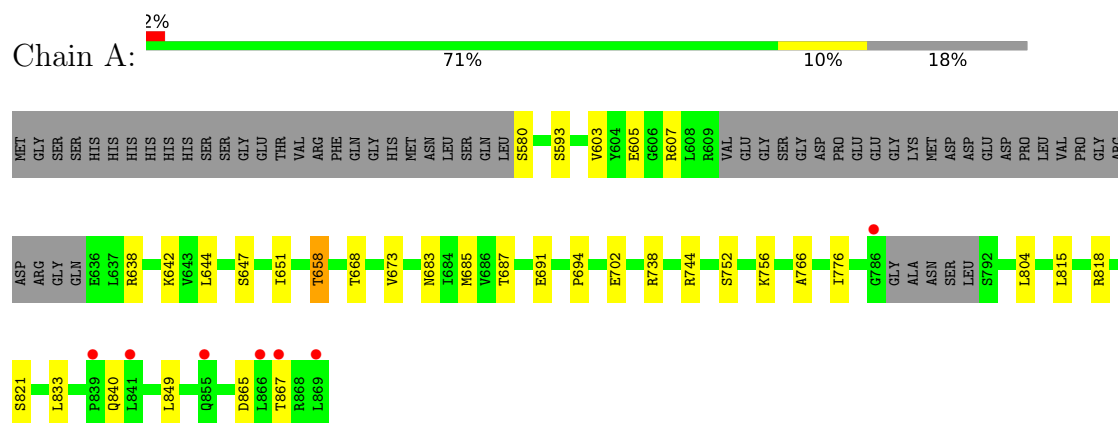
- Molecule 4 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
4	A	39	Total	O	0	0
			39	39		
4	B	37	Total	O	0	0
			37	37		

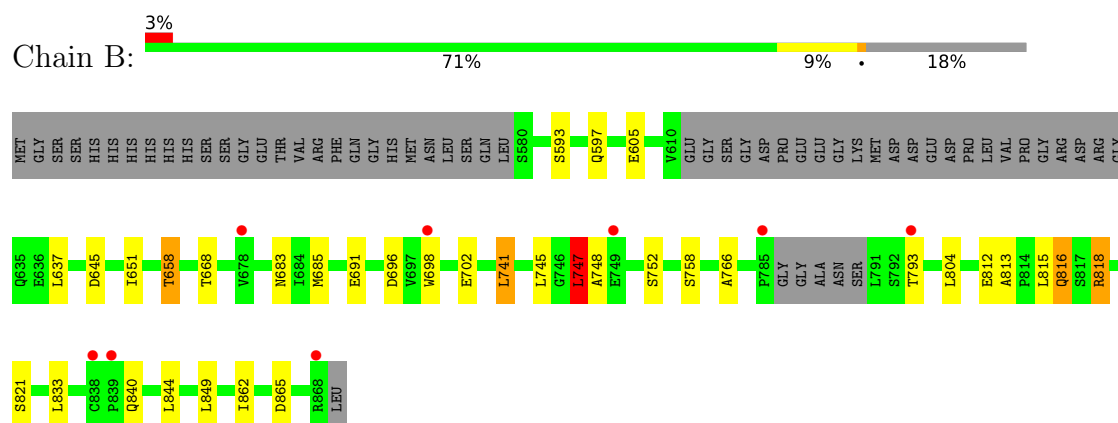
3 Residue-property plots [i](#)

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: Non-receptor tyrosine-protein kinase TYK2



- Molecule 1: Non-receptor tyrosine-protein kinase TYK2



4 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	71.63Å 66.97Å 75.10Å 90.00° 113.34° 90.00°	Depositor
Resolution (Å)	48.04 – 2.35 48.04 – 2.35	Depositor EDS
% Data completeness (in resolution range)	60.9 (48.04-2.35) 61.0 (48.04-2.35)	Depositor EDS
R_{merge}	0.09	Depositor
R_{sym}	0.06	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.13 (at 2.34Å)	Xtriage
Refinement program	BUSTER 2.11.7	Depositor
R, R_{free}	0.189 , 0.238 0.194 , 0.246	Depositor DCC
R_{free} test set	783 reflections (4.69%)	wwPDB-VP
Wilson B-factor (Å ²)	45.6	Xtriage
Anisotropy	0.143	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.36 , 51.6	EDS
L-test for twinning ²	$\langle L \rangle = 0.49$, $\langle L^2 \rangle = 0.32$	Xtriage
Estimated twinning fraction	0.009 for l,-k,h	Xtriage
F_o, F_c correlation	0.94	EDS
Total number of atoms	4208	wwPDB-VP
Average B, all atoms (Å ²)	47.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 12.51% 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

5.1 Standard geometry

Bond lengths and bond angles in the following residue types are not validated in this section: CL, LB7

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	A	0.86	0/2064	1.36	6/2805 (0.2%)
1	B	0.87	0/2068	1.40	16/2810 (0.6%)
All	All	0.87	0/4132	1.38	22/5615 (0.4%)

There are no bond length outliers.

All (22) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	B	645	ASP	CA-CB-CG	8.09	120.69	112.60
1	B	605	GLU	N-CA-C	-6.25	102.12	110.55
1	B	816	GLN	CA-C-N	6.14	128.51	120.28
1	B	816	GLN	C-N-CA	6.14	128.51	120.28
1	A	865	ASP	CA-CB-CG	5.51	118.11	112.60
1	B	593	SER	CA-C-N	5.40	129.23	121.50
1	B	593	SER	C-N-CA	5.40	129.23	121.50
1	B	702	GLU	CA-C-N	5.31	129.70	121.26
1	B	702	GLU	C-N-CA	5.31	129.70	121.26
1	B	865	ASP	CA-CB-CG	5.28	117.88	112.60
1	A	702	GLU	CA-C-N	5.26	129.63	121.26
1	A	702	GLU	C-N-CA	5.26	129.63	121.26
1	B	691	GLU	CB-CG-CD	5.25	121.52	112.60
1	A	776	ILE	N-CA-C	-5.20	103.86	108.95
1	B	696	ASP	CA-C-N	5.20	127.11	120.56
1	B	696	ASP	C-N-CA	5.20	127.11	120.56
1	B	812	GLU	CB-CG-CD	5.19	121.43	112.60
1	A	605	GLU	N-CA-C	-5.19	102.80	110.48
1	A	647	SER	N-CA-C	5.17	117.04	109.24
1	B	747	LEU	CA-C-N	5.09	131.26	121.54
1	B	747	LEU	C-N-CA	5.09	131.26	121.54
1	B	683	ASN	N-CA-C	-5.02	101.21	109.40

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	A	2009	0	1974	12	0
1	B	2016	0	1976	14	0
2	A	31	22	0	0	0
2	B	31	22	0	0	0
3	B	1	0	0	0	0
4	A	39	0	0	0	0
4	B	37	0	0	0	0
All	All	4164	44	3950	26	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 3.

All (26) 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:A:815:LEU:HA	1:A:818:ARG:HD3	1.57	0.87
1:B:815:LEU:HD23	1:B:818:ARG:HE	1.59	0.67
1:A:815:LEU:HA	1:A:818:ARG:CD	2.27	0.64
1:B:818:ARG:H	1:B:818:ARG:HD3	1.63	0.63
1:B:658:THR:HG22	1:B:685:MET:HE1	1.79	0.62
1:B:818:ARG:HD3	1:B:818:ARG:N	2.15	0.61
1:A:658:THR:HG22	1:A:685:MET:HE1	1.81	0.60
1:A:815:LEU:H	1:A:818:ARG:HH11	1.52	0.56
1:A:833:LEU:HD12	1:A:849:LEU:HD22	1.90	0.54
1:B:833:LEU:HD12	1:B:849:LEU:HD22	1.90	0.54
1:B:698:TRP:HH2	1:B:747:LEU:HB2	1.75	0.51
1:B:813:ALA:HB3	1:B:816:GLN:HG3	1.93	0.50
1:A:651:ILE:HD13	1:A:766:ALA:HB1	1.94	0.49
1:A:673:VAL:HG22	1:A:687:THR:HG22	1.95	0.48
1:B:698:TRP:CH2	1:B:747:LEU:HB2	2.49	0.48
1:B:815:LEU:HA	1:B:818:ARG:NE	2.29	0.48

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:B:815:LEU:HA	1:B:818:ARG:HE	1.79	0.48
1:B:651:ILE:HD13	1:B:766:ALA:HB1	1.96	0.46
1:A:694:PRO:HB3	1:A:738:ARG:HD3	1.98	0.46
1:A:603:VAL:HG22	1:A:642:LYS:HD3	1.99	0.44
1:A:815:LEU:H	1:A:818:ARG:NH1	2.14	0.44
1:A:644:LEU:HB3	1:A:683:ASN:HB2	1.99	0.43
1:B:698:TRP:HH2	1:B:747:LEU:HD13	1.83	0.43
1:A:607:ARG:NH1	1:A:638:ARG:HG3	2.34	0.43
1:B:741:LEU:HD11	1:B:758:SER:HB2	2.02	0.41
1:B:844:LEU:HD21	1:B:862:ILE:HG23	2.02	0.41

There are no symmetry-related clashes.

5.3 Torsion angles [i](#)

5.3.1 Protein backbone [i](#)

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	A	255/317 (80%)	246 (96%)	8 (3%)	1 (0%)	30	34
1	B	255/317 (80%)	245 (96%)	9 (4%)	1 (0%)	30	34
All	All	510/634 (80%)	491 (96%)	17 (3%)	2 (0%)	30	34

All (2) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	B	748	ALA
1	A	691	GLU

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	A	215/273 (79%)	204 (95%)	11 (5%)	21	26
1	B	215/273 (79%)	202 (94%)	13 (6%)	17	21
All	All	430/546 (79%)	406 (94%)	24 (6%)	19	23

All (24) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	580	SER
1	A	593	SER
1	A	658	THR
1	A	668	THR
1	A	744	ARG
1	A	752	SER
1	A	756	LYS
1	A	804	LEU
1	A	821	SER
1	A	840	GLN
1	A	867	THR
1	B	597	GLN
1	B	637	LEU
1	B	658	THR
1	B	668	THR
1	B	741	LEU
1	B	745	LEU
1	B	747	LEU
1	B	752	SER
1	B	793	THR
1	B	804	LEU
1	B	818	ARG
1	B	821	SER
1	B	840	GLN

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (5) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	586	GLN
1	A	597	GLN
1	A	602	ASN

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Mol	Chain	Res	Type
1	A	847	GLN
1	B	602	ASN

5.3.3 RNA ⓘ

There are no RNA molecules in this entry.

5.4 Non-standard residues in protein, DNA, RNA chains ⓘ

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

5.5 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.6 Ligand geometry ⓘ

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	$\# Z > 2$
2	LB7	A	901	-	34,34,34	0.34	0	44,48,48	0.60	1 (2%)
2	LB7	B	901	-	34,34,34	0.37	0	44,48,48	0.71	1 (2%)

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
2	LB7	A	901	-	-	4/24/26/26	0/4/4/4

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
2	LB7	B	901	-	-	4/24/26/26	0/4/4/4

There are no bond length outliers.

All (2) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	B	901	LB7	C7-N4-C4	2.42	132.96	125.41
2	A	901	LB7	C7-N4-C4	2.27	132.50	125.41

There are no chirality outliers.

All (8) torsion outliers are listed below:

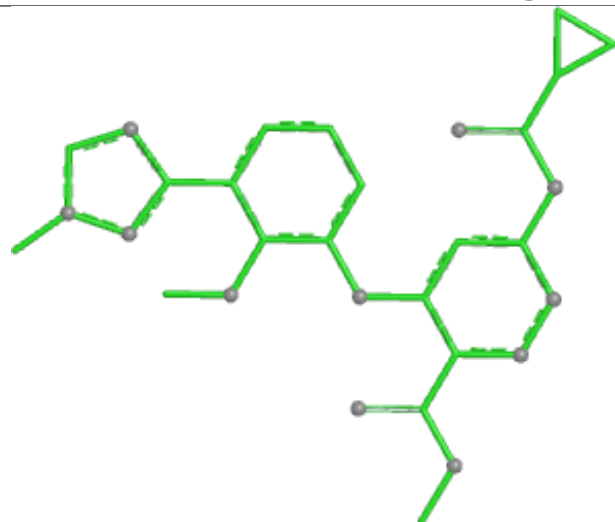
Mol	Chain	Res	Type	Atoms
2	A	901	LB7	C12-C11-C15-N6
2	A	901	LB7	C12-C11-C15-N8
2	B	901	LB7	C12-C11-C15-N6
2	B	901	LB7	C12-C11-C15-N8
2	A	901	LB7	C10-C11-C15-N6
2	B	901	LB7	C10-C11-C15-N6
2	A	901	LB7	C10-C11-C15-N8
2	B	901	LB7	C10-C11-C15-N8

There are no ring outliers.

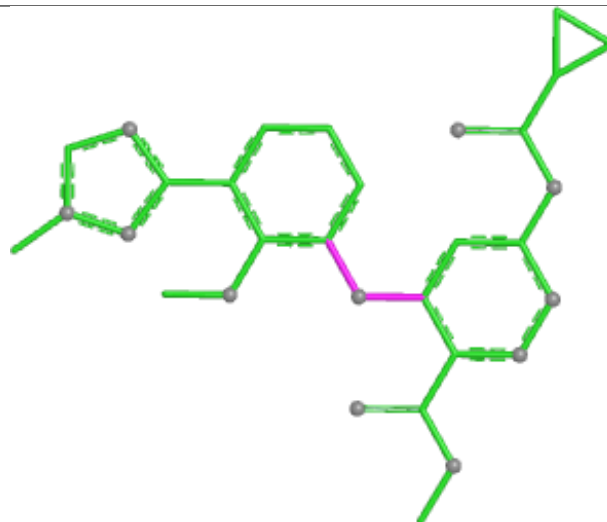
No monomer is involved in short contacts.

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.

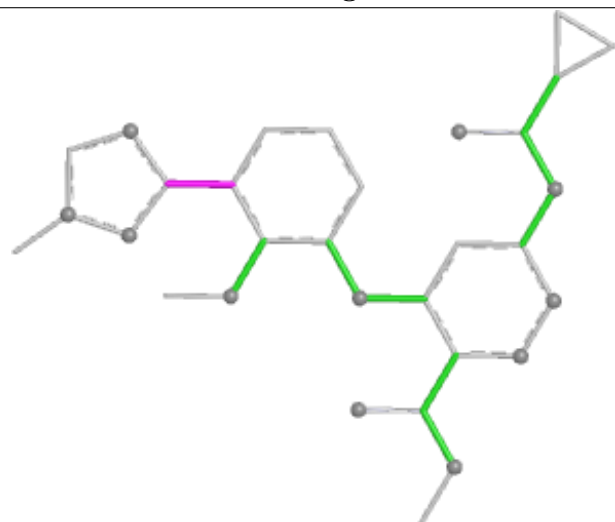
Ligand LB7 A 901



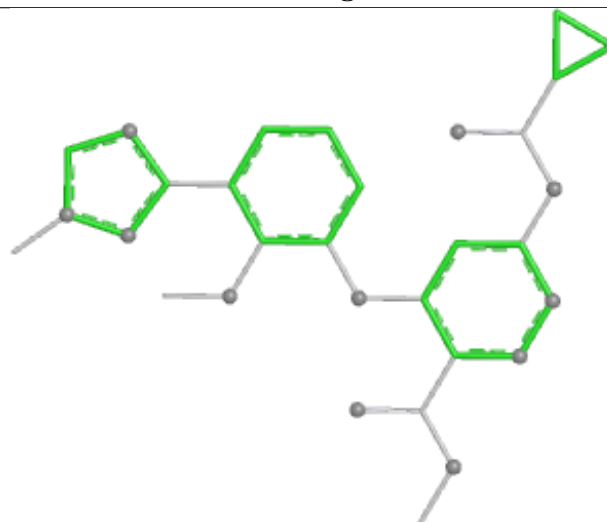
Bond lengths



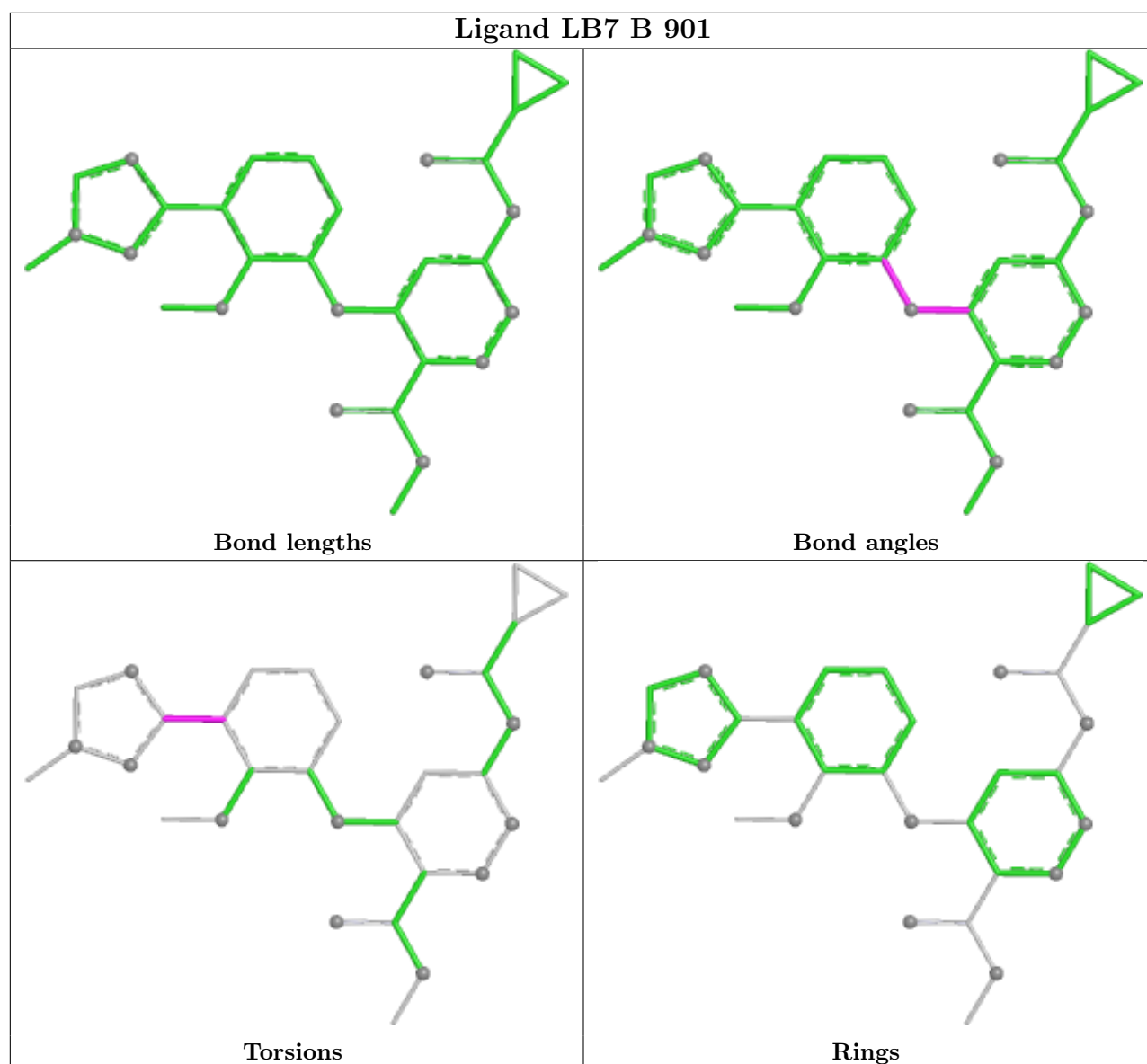
Bond angles



Torsions



Rings



5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

6 Fit of model and data [i](#)

6.1 Protein, DNA and RNA chains [i](#)

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	A	259/317 (81%)	0.25	7 (2%) 56 63	27, 46, 75, 94	2 (0%)
1	B	260/317 (82%)	0.26	8 (3%) 51 58	27, 45, 68, 84	1 (0%)
All	All	519/634 (81%)	0.25	15 (2%) 53 60	27, 46, 69, 94	3 (0%)

All (15) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	786	GLY	4.3
1	B	868	ARG	4.2
1	B	698	TRP	3.1
1	A	866	LEU	2.9
1	B	749	GLU	2.7
1	B	793	THR	2.5
1	B	785	PRO	2.5
1	B	678	VAL	2.4
1	A	855	GLN	2.3
1	B	838	CYS	2.2
1	A	869	LEU	2.2
1	B	839	PRO	2.1
1	A	867	THR	2.1
1	A	841	LEU	2.1
1	A	839	PRO	2.1

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](#)

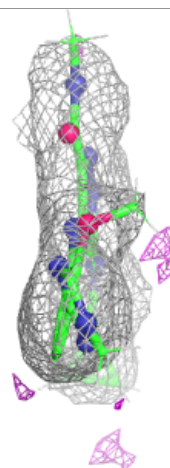
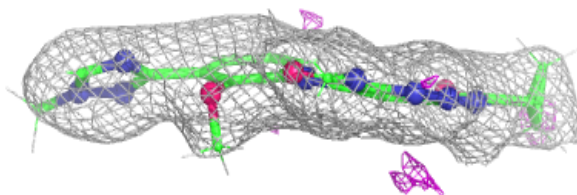
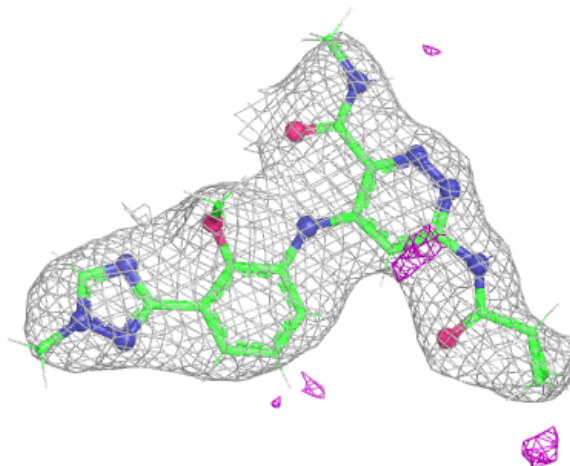
In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q<0.9' lists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

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
2	LB7	B	901	31/31	0.95	0.08	39,43,43,44	22
2	LB7	A	901	31/31	0.96	0.07	36,43,43,45	22
3	CL	B	902	1/1	0.96	0.27	55,55,55,55	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.

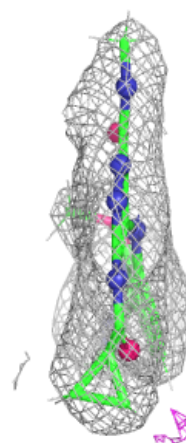
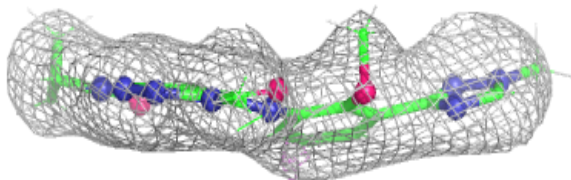
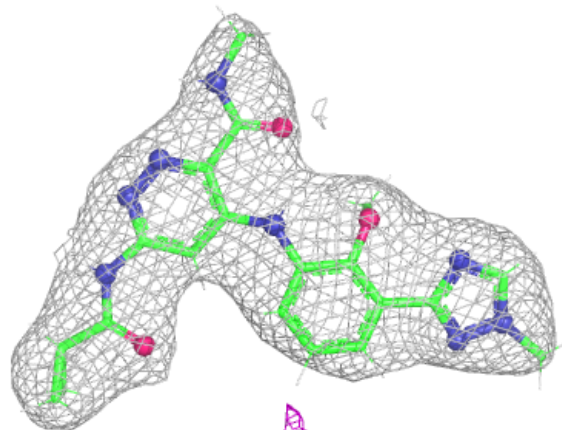
Electron density around LB7 B 901:

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 LB7 A 901:

$2mF_o-DF_c$ (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.