



Full wwPDB X-ray Structure Validation Report ⓘ

Feb 28, 2026 – 11:52 PM UTC

PDB ID : 6GQ7 / pdb_00006gq7
Title : PI3Kg IN COMPLEX WITH INH
Authors : Petersen, J.
Deposited on : 2018-06-07
Resolution : 2.84 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

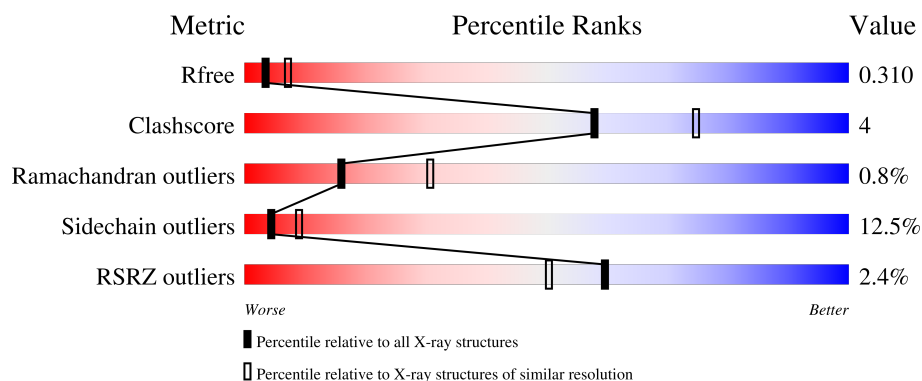
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.84 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	1520 (2.86-2.82)
Clashscore	190562	1559 (2.86-2.82)
Ramachandran outliers	187476	1517 (2.86-2.82)
Sidechain outliers	187428	1518 (2.86-2.82)
RSRZ outliers	180081	1521 (2.86-2.82)

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	966	

2 Entry composition [i](#)

There are 3 unique types of molecules in this entry. The entry contains 6562 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.

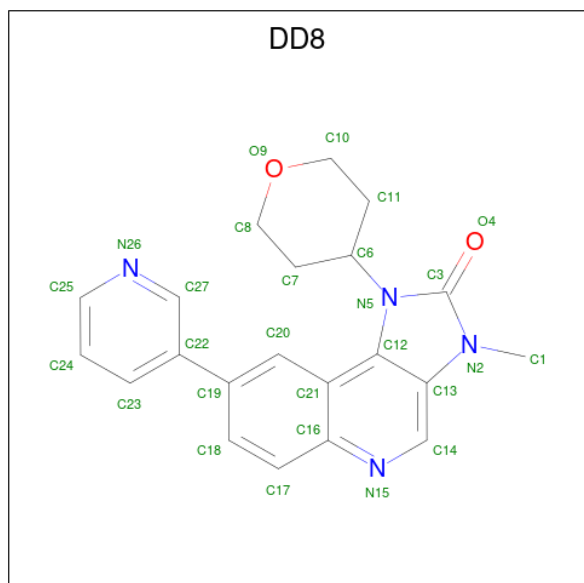
- Molecule 1 is a protein called Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic sub-unit gamma isoform.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
1	A	802	6519	4193	1112	1179	35	0	0	0

There are 7 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	143	MET	-	initiating methionine	UNP P48736
A	1103	HIS	-	expression tag	UNP P48736
A	1104	HIS	-	expression tag	UNP P48736
A	1105	HIS	-	expression tag	UNP P48736
A	1106	HIS	-	expression tag	UNP P48736
A	1107	HIS	-	expression tag	UNP P48736
A	1108	HIS	-	expression tag	UNP P48736

- Molecule 2 is 3-methyl-1-(oxan-4-yl)-8-pyridin-3-yl-imidazo[4,5-c]quinolin-2-one (CCD ID: DD8) (formula: C₂₁H₂₀N₄O₂).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
2	A	1	Total	C	N	O	0	0
			27	21	4	2		

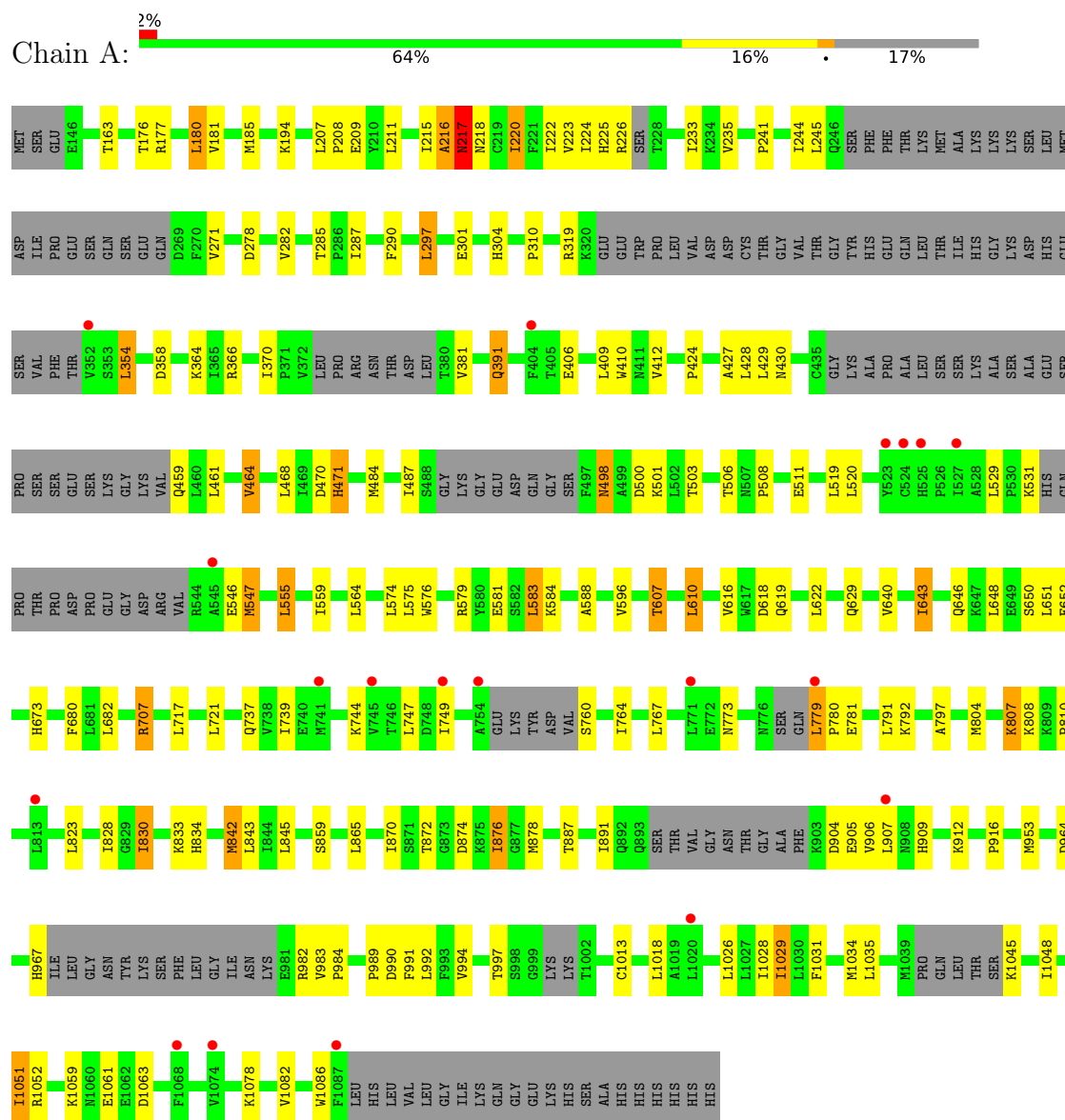
- Molecule 3 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
3	A	16	Total	O	0	0
			16	16		

3 Residue-property plots

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: Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform



4 Data and refinement statistics

Property	Value	Source
Space group	C 1 2 1	Depositor
Cell constants a, b, c, α , β , γ	139.59Å 67.07Å 104.90Å 90.00° 97.28° 90.00°	Depositor
Resolution (Å)	53.51 – 2.84 53.51 – 2.84	Depositor EDS
% Data completeness (in resolution range)	98.0 (53.51-2.84) 98.0 (53.51-2.84)	Depositor EDS
R_{merge}	0.09	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.77 (at 2.86Å)	Xtriage
Refinement program	BUSTER-TNT	Depositor
R, R_{free}	0.235 , 0.296 0.246 , 0.310	Depositor DCC
R_{free} test set	1156 reflections (5.13%)	wwPDB-VP
Wilson B-factor (Å ²)	78.8	Xtriage
Anisotropy	0.436	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.31 , 73.2	EDS
L-test for twinning ²	$\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.30$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	6562	wwPDB-VP
Average B, all atoms (Å ²)	81.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 6.11% 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: DD8

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	0.79	0/6655	1.35	13/8996 (0.1%)

There are no bond length outliers.

All (13) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	470	ASP	CA-CB-CG	7.66	120.26	112.60
1	A	797	ALA	N-CA-C	-6.78	99.48	109.11
1	A	177	ARG	N-CA-C	-6.36	104.43	111.36
1	A	991	PHE	CA-CB-CG	6.13	119.93	113.80
1	A	498	ASN	CA-CB-CG	5.64	118.25	112.60
1	A	391	GLN	N-CA-C	-5.49	106.59	113.72
1	A	278	ASP	N-CA-C	-5.37	104.08	111.81
1	A	470	ASP	CA-C-N	5.12	127.66	120.28
1	A	470	ASP	C-N-CA	5.12	127.66	120.28
1	A	217	ASN	CA-C-N	5.12	130.91	121.70
1	A	217	ASN	C-N-CA	5.12	130.91	121.70
1	A	216	ALA	CA-C-N	5.09	131.26	121.54
1	A	216	ALA	C-N-CA	5.09	131.26	121.54

There are no chirality outliers.

There are no planarity outliers.

5.2 Too-close contacts [i](#)

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	6519	0	6556	59	0
2	A	27	0	0	0	0
3	A	16	0	0	0	0
All	All	6562	0	6556	59	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 4.

All (59) 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:629:GLN:HG2	1:A:1029:ILE:HG13	1.59	0.84
1:A:830:ILE:HG21	1:A:878:MET:HE3	1.67	0.75
1:A:181:VAL:O	1:A:185:MET:HG2	1.93	0.67
1:A:429:LEU:HB2	1:A:468:LEU:HD21	1.84	0.60
1:A:471:HIS:H	1:A:471:HIS:CD2	2.20	0.60
1:A:225:HIS:CE1	1:A:304:HIS:HD2	2.20	0.58
1:A:842:MET:HE3	1:A:870:ILE:HA	1.85	0.58
1:A:983:VAL:HB	1:A:1082:VAL:HG21	1.85	0.57
1:A:564:LEU:HD11	1:A:1048:ILE:HG22	1.86	0.57
1:A:464:VAL:HB	1:A:484:MET:HG2	1.87	0.55
1:A:579:ARG:HB2	1:A:610:LEU:HD11	1.89	0.55
1:A:498:ASN:HB3	1:A:501:LYS:HD3	1.88	0.55
1:A:216:ALA:O	1:A:217:ASN:HB2	2.07	0.54
1:A:779:LEU:HB3	1:A:780:PRO:HA	1.87	0.54
1:A:410:TRP:HB3	1:A:412:VAL:HG22	1.89	0.53
1:A:1028:ILE:HA	1:A:1051:ILE:HD13	1.90	0.53
1:A:584:LYS:HA	1:A:616:VAL:HG21	1.92	0.52
1:A:424:PRO:HD2	1:A:427:ALA:HB2	1.92	0.52
1:A:211:LEU:HD22	1:A:297:LEU:HB3	1.92	0.51
1:A:176:THR:HG21	1:A:673:HIS:HB2	1.92	0.51
1:A:215:ILE:HG12	1:A:220:ILE:HG12	1.93	0.49
1:A:983:VAL:HG22	1:A:984:PRO:HD2	1.94	0.49
1:A:217:ASN:N	1:A:218:ASN:HA	2.28	0.48
1:A:583:LEU:HG	1:A:610:LEU:HD22	1.96	0.48
1:A:271:VAL:HB	1:A:310:PRO:HG3	1.94	0.48
1:A:559:ILE:HG12	1:A:588:ALA:HB2	1.96	0.47
1:A:989:PRO:HA	1:A:992:LEU:HD12	1.97	0.47
1:A:804:MET:HB2	1:A:810:PRO:HD2	1.97	0.47
1:A:887:THR:HG23	1:A:953:MET:HE3	1.96	0.47
1:A:547:MET:HE1	1:A:555:LEU:HD22	1.97	0.46
1:A:640:VAL:O	1:A:643:ILE:HG12	2.15	0.46

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:807:LYS:HD2	1:A:807:LYS:H	1.81	0.46
1:A:1051:ILE:H	1:A:1051:ILE:HG13	1.55	0.46
1:A:810:PRO:HB3	1:A:833:LYS:HG3	1.96	0.45
1:A:287:ILE:HA	1:A:290:PHE:HD2	1.80	0.45
1:A:905:GLU:HB3	1:A:909:HIS:HD1	1.81	0.45
1:A:366:ARG:HH21	1:A:519:LEU:HD22	1.81	0.45
1:A:990:ASP:O	1:A:994:VAL:HG23	2.16	0.45
1:A:843:LEU:HB3	1:A:1034:MET:HG3	1.99	0.45
1:A:739:ILE:HD13	1:A:872:THR:HB	1.99	0.44
1:A:834:HIS:HB2	1:A:876:ILE:HD12	1.99	0.44
1:A:648:LEU:HB3	1:A:680:PHE:CZ	2.53	0.44
1:A:224:ILE:HD13	1:A:233:ILE:HD12	1.99	0.43
1:A:500:ASP:O	1:A:503:THR:HG22	2.18	0.43
1:A:891:ILE:HG22	1:A:906:VAL:HG12	2.00	0.43
1:A:209:GLU:HB2	1:A:859:SER:HB3	2.01	0.43
1:A:364:LYS:HB3	1:A:519:LEU:HB3	2.01	0.43
1:A:1031:PHE:HE1	1:A:1048:ILE:HA	1.84	0.43
1:A:241:PRO:HA	1:A:244:ILE:HD12	2.01	0.43
1:A:354:LEU:HD13	1:A:529:LEU:HB2	2.01	0.42
1:A:508:PRO:HG2	1:A:707:ARG:HE	1.85	0.42
1:A:622:LEU:HD22	1:A:650:SER:HB2	2.01	0.42
1:A:216:ALA:C	1:A:218:ASN:HA	2.45	0.42
1:A:176:THR:O	1:A:180:LEU:HB2	2.20	0.41
1:A:547:MET:HE3	1:A:581:GLU:HG2	2.01	0.41
1:A:905:GLU:HB3	1:A:909:HIS:ND1	2.35	0.41
1:A:576:TRP:HZ3	1:A:607:THR:HG23	1.85	0.41
1:A:235:VAL:HG21	1:A:244:ILE:HG12	2.01	0.40
1:A:208:PRO:HD2	1:A:211:LEU:HD12	2.04	0.40

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	A	774/966 (80%)	732 (95%)	36 (5%)	6 (1%)	16	31

All (6) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	A	217	ASN
1	A	546	GLU
1	A	874	ASP
1	A	1086	TRP
1	A	406	GLU
1	A	916	PRO

5.3.2 Protein sidechains ⓘ

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	721/864 (83%)	631 (88%)	90 (12%)	4	9

All (90) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	163	THR
1	A	180	LEU
1	A	194	LYS
1	A	207	LEU
1	A	217	ASN
1	A	220	ILE
1	A	222	ILE
1	A	223	VAL
1	A	226	ARG
1	A	245	LEU
1	A	282	VAL
1	A	285	THR
1	A	297	LEU
1	A	301	GLU
1	A	319	ARG

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Mol	Chain	Res	Type
1	A	354	LEU
1	A	358	ASP
1	A	370	ILE
1	A	381	VAL
1	A	391	GLN
1	A	409	LEU
1	A	428	LEU
1	A	430	ASN
1	A	459	GLN
1	A	461	LEU
1	A	464	VAL
1	A	471	HIS
1	A	487	ILE
1	A	506	THR
1	A	511	GLU
1	A	520	LEU
1	A	531	LYS
1	A	547	MET
1	A	555	LEU
1	A	574	LEU
1	A	575	LEU
1	A	583	LEU
1	A	596	VAL
1	A	607	THR
1	A	610	LEU
1	A	618	ASP
1	A	619	GLN
1	A	643	ILE
1	A	646	GLN
1	A	651	LEU
1	A	652	GLU
1	A	682	LEU
1	A	707	ARG
1	A	717	LEU
1	A	721	LEU
1	A	737	GLN
1	A	744	LYS
1	A	747	LEU
1	A	749	ILE
1	A	760	SER
1	A	764	ILE
1	A	767	LEU

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Mol	Chain	Res	Type
1	A	773	ASN
1	A	779	LEU
1	A	781	GLU
1	A	791	LEU
1	A	792	LYS
1	A	807	LYS
1	A	808	LYS
1	A	823	LEU
1	A	828	ILE
1	A	830	ILE
1	A	842	MET
1	A	845	LEU
1	A	865	LEU
1	A	876	ILE
1	A	904	ASP
1	A	907	LEU
1	A	912	LYS
1	A	964	ASP
1	A	967	HIS
1	A	982	ARG
1	A	997	THR
1	A	1013	CYS
1	A	1018	LEU
1	A	1026	LEU
1	A	1029	ILE
1	A	1035	LEU
1	A	1045	LYS
1	A	1051	ILE
1	A	1052	ARG
1	A	1059	LYS
1	A	1061	GLU
1	A	1063	ASP
1	A	1078	LYS

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (20) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	151	GLN
1	A	225	HIS
1	A	299	ASN
1	A	304	HIS
1	A	432	GLN

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Mol	Chain	Res	Type
1	A	471	HIS
1	A	498	ASN
1	A	522	ASN
1	A	634	ASN
1	A	646	GLN
1	A	658	HIS
1	A	711	GLN
1	A	775	GLN
1	A	892	GLN
1	A	951	ASN
1	A	959	ASN
1	A	1010	GLN
1	A	1060	ASN
1	A	1083	GLN
1	A	1085	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 ⓘ

1 ligand is 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
2	DD8	A	1201	-	30,31,31	0.79	0	37,45,45	1.60	9 (24%)

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	DD8	A	1201	-	-	0/8/16/16	0/5/5/5

There are no bond length outliers.

All (9) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	A	1201	DD8	C14-N15-C16	4.48	122.14	116.96
2	A	1201	DD8	C13-N2-C3	-3.20	108.45	110.10
2	A	1201	DD8	N5-C3-N2	3.01	109.43	106.92
2	A	1201	DD8	C25-N26-C27	2.80	121.76	116.85
2	A	1201	DD8	C6-N5-C3	2.77	127.35	122.61
2	A	1201	DD8	C21-C16-N15	-2.39	120.29	122.82
2	A	1201	DD8	C1-N2-C3	2.32	125.63	123.59
2	A	1201	DD8	C10-O9-C8	2.23	117.10	109.88
2	A	1201	DD8	O4-C3-N2	-2.06	124.69	127.21

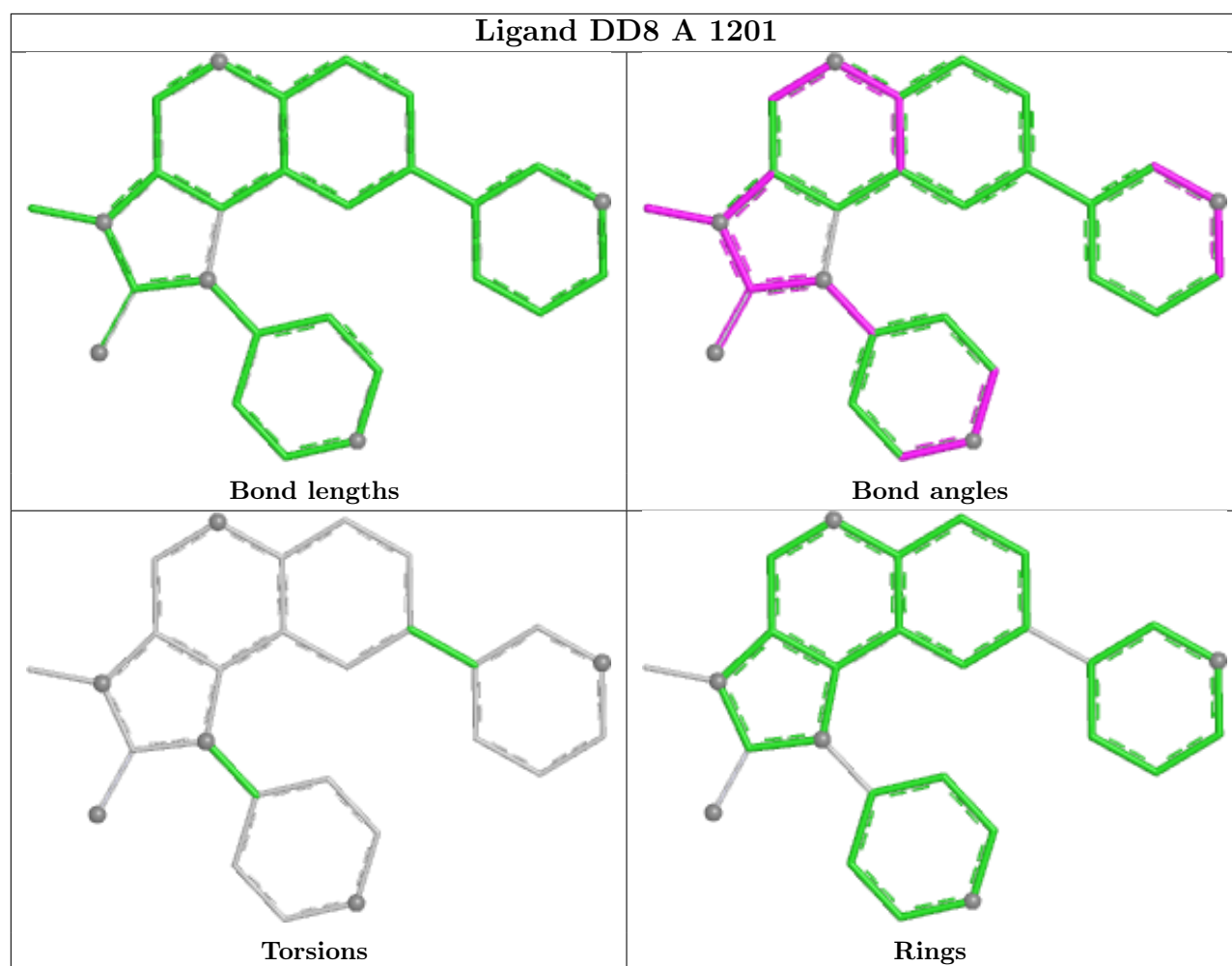
There are no chirality outliers.

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.



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 ⓘ

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	A	802/966 (83%)	0.18	19 (2%)	59 50	36, 77, 122, 204	0

All (19) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	527	ILE	5.0
1	A	754	ALA	4.2
1	A	741	MET	3.6
1	A	1087	PHE	3.5
1	A	1068	PHE	3.2
1	A	404	PHE	3.0
1	A	1020	LEU	2.8
1	A	749	ILE	2.8
1	A	523	TYR	2.7
1	A	525	HIS	2.5
1	A	907	LEU	2.5
1	A	352	VAL	2.4
1	A	771	LEU	2.4
1	A	813	LEU	2.3
1	A	524	CYS	2.3
1	A	779	LEU	2.2
1	A	1074	VAL	2.2
1	A	745	VAL	2.1
1	A	545	ALA	2.1

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

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](#)

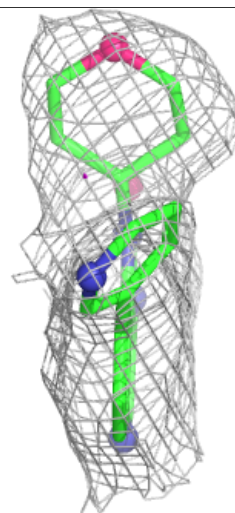
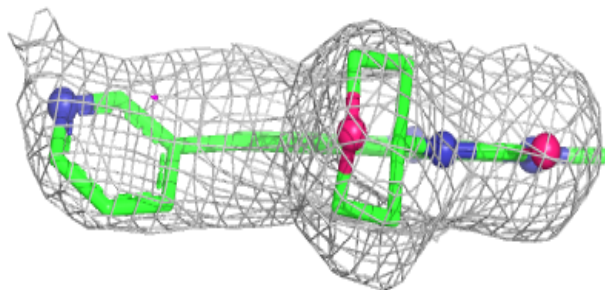
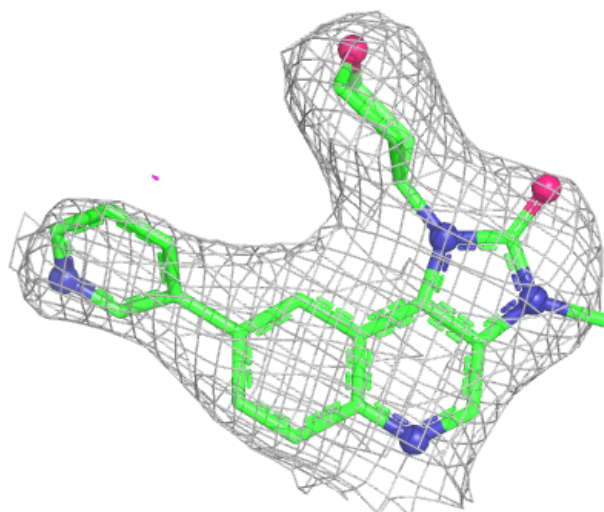
In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists 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
2	DD8	A	1201	27/27	0.91	0.11	72,75,78,79	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 DD8 A 1201:

$2mF_o - DF_c$ (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.