



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 8, 2026 – 04:37 PM UTC

PDB ID : 6UXY / pdb_00006uxy
Title : PRMT5:MEP50 Complexed with Allosteric Inhibitor Compound 8
Authors : Palte, R.L.; Schneider, S.E.
Deposited on : 2019-11-08
Resolution : 2.57 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

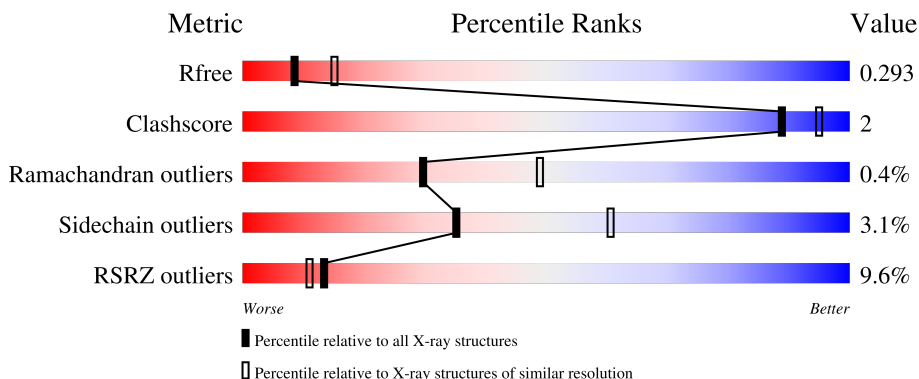
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.57 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	4770 (2.60-2.56)
Clashscore	190562	5124 (2.60-2.56)
Ramachandran outliers	187476	5046 (2.60-2.56)
Sidechain outliers	187428	5046 (2.60-2.56)
RSRZ outliers	180081	4770 (2.60-2.56)

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	645	 5% 87% 9% 5%
2	B	350	 16% 80% 7% 11%

2 Entry composition i

There are 6 unique types of molecules in this entry. The entry contains 7575 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 Protein arginine N-methyltransferase 5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
1	A	615	4973	3179	857	913	24	0	0	0

There are 9 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	-7	MET	-	expression tag	UNP O14744
A	-6	ASP	-	expression tag	UNP O14744
A	-5	TYR	-	expression tag	UNP O14744
A	-4	LYS	-	expression tag	UNP O14744
A	-3	ASP	-	expression tag	UNP O14744
A	-2	ASP	-	expression tag	UNP O14744
A	-1	ASP	-	expression tag	UNP O14744
A	0	ASP	-	expression tag	UNP O14744
A	1	LYS	-	expression tag	UNP O14744

- Molecule 2 is a protein called Methylosome protein 50.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
2	B	310	2339	1468	400	457	14	0	0	0

There are 9 discrepancies between the modelled and reference sequences:

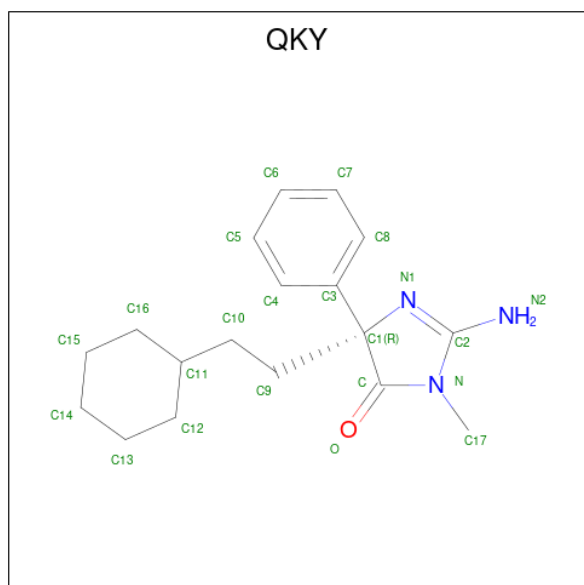
Chain	Residue	Modelled	Actual	Comment	Reference
B	-7	MET	-	expression tag	UNP Q9BQA1
B	-6	HIS	-	expression tag	UNP Q9BQA1
B	-5	HIS	-	expression tag	UNP Q9BQA1
B	-4	HIS	-	expression tag	UNP Q9BQA1
B	-3	HIS	-	expression tag	UNP Q9BQA1
B	-2	HIS	-	expression tag	UNP Q9BQA1
B	-1	HIS	-	expression tag	UNP Q9BQA1

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Chain	Residue	Modelled	Actual	Comment	Reference
B	0	HIS	-	expression tag	UNP Q9BQA1
B	1	HIS	-	expression tag	UNP Q9BQA1

- Molecule 3 is (5R)-2-amino-5-(2-cyclohexylethyl)-3-methyl-5-phenyl-3,5-dihydro-4H-imidazol-4-one (CCD ID: QKY) (formula: C₁₈H₂₅N₃O) (labeled as "Ligand of Interest" by depositor).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
			Total	C	N	O		
3	A	1	22	18	3	1	0	0

- Molecule 4 is 1,2-ETHANEDIOL (CCD ID: EDO) (formula: C₂H₆O₂).



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

- Molecule 5 is GLYCEROL (CCD ID: GOL) (formula: $C_3H_8O_3$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
5	A	1	Total	C	O	0	0
			6	3	3		

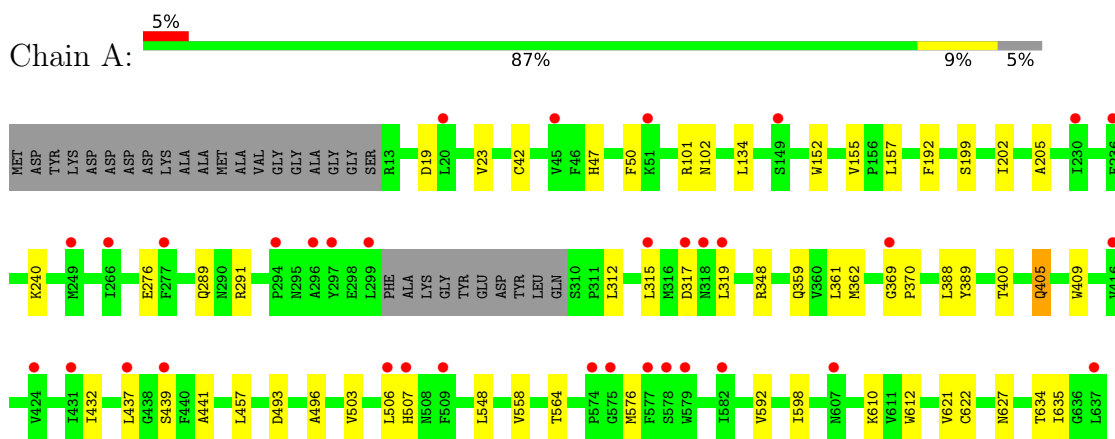
- Molecule 6 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
6	A	177	Total 177	O 177	0	0
6	B	54	Total 54	O 54	0	0

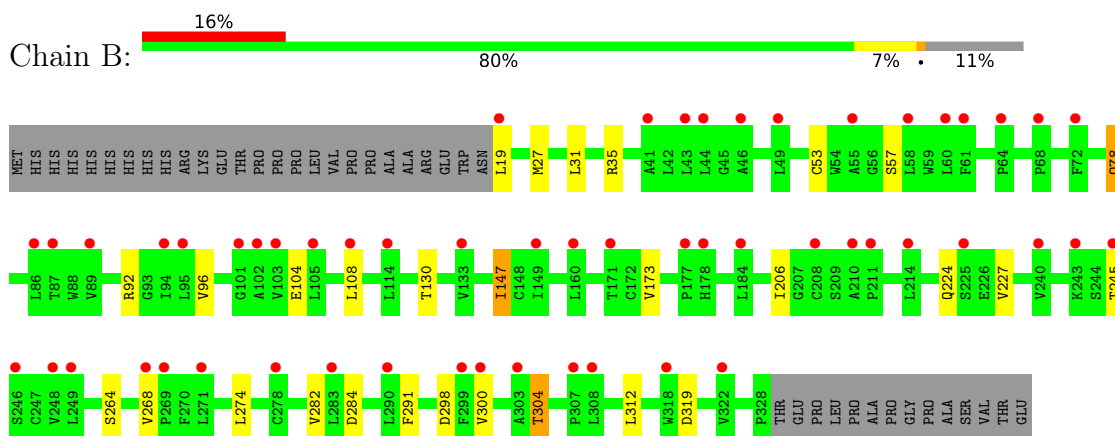
3 Residue-property plots [i](#)

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: Protein arginine N-methyltransferase 5



- Molecule 2: Methylosome protein 50



4 Data and refinement statistics

Property	Value	Source
Space group	I 2 2 2	Depositor
Cell constants a, b, c, α , β , γ	102.37Å 140.80Å 178.42Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	45.39 – 2.57 45.39 – 2.57	Depositor EDS
% Data completeness (in resolution range)	99.8 (45.39-2.57) 99.8 (45.39-2.57)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	0.09	Depositor
$\langle I/\sigma(I) \rangle$ ¹	2.07 (at 2.58Å)	Xtrriage
Refinement program	BUSTER 2.11.7	Depositor
R, R_{free}	0.246 , 0.275 0.256 , 0.293	Depositor DCC
R_{free} test set	2066 reflections (4.99%)	wwPDB-VP
Wilson B-factor (Å ²)	67.6	Xtrriage
Anisotropy	0.311	Xtrriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.29 , 44.6	EDS
L-test for twinning ²	$\langle L \rangle = 0.50$, $\langle L^2 \rangle = 0.33$	Xtrriage
Estimated twinning fraction	No twinning to report.	Xtrriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	7575	wwPDB-VP
Average B, all atoms (Å ²)	82.0	wwPDB-VP

Xtrriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 3.89% 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: GOL, QKY, EDO

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	1.17	4/5111 (0.1%)	1.00	0/6954
2	B	1.23	4/2396 (0.2%)	0.97	0/3275
All	All	1.19	8/7507 (0.1%)	0.99	0/10229

All (8) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	A	627	ASN	CA-C	6.73	1.61	1.52
2	B	245	THR	CA-C	6.21	1.61	1.52
2	B	147	ILE	CA-C	5.75	1.60	1.52
1	A	291	ARG	C-N	5.45	1.39	1.33
2	B	268	VAL	CA-C	5.42	1.58	1.52
1	A	23	VAL	CA-C	5.39	1.58	1.52
1	A	627	ASN	C-N	5.38	1.40	1.33
2	B	264	SER	C-N	5.34	1.39	1.33

There are no bond angle outliers.

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	4973	0	4874	18	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
2	B	2339	0	2258	10	0
3	A	22	0	0	0	0
4	A	4	0	6	0	0
5	A	6	0	8	0	0
6	A	177	0	0	0	0
6	B	54	0	0	0	0
All	All	7575	0	7146	28	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 2.

All (28) 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:348:ARG:HE	1:A:359:GLN:HE22	1.48	0.61
1:A:439:SER:HB2	1:A:503:VAL:HG21	1.84	0.58
1:A:152:TRP:HB3	1:A:205:ALA:HB2	1.89	0.55
1:A:369:GLY:N	1:A:370:PRO:HD3	2.23	0.53
2:B:35:ARG:HA	2:B:304:THR:HG21	1.90	0.53
2:B:96:VAL:HB	2:B:104:GLU:HB2	1.92	0.52
2:B:27:MET:HE3	2:B:31:LEU:HD21	1.93	0.51
1:A:362:MET:HG2	1:A:389:TYR:HB2	1.93	0.50
2:B:274:LEU:HD23	2:B:300:VAL:HG12	1.95	0.48
2:B:92:ARG:HA	2:B:108:LEU:HD12	1.96	0.48
1:A:432:ILE:HG12	1:A:457:LEU:HD13	1.96	0.48
1:A:592:VAL:HG21	1:A:598:ILE:HD11	1.97	0.46
1:A:47:HIS:HB3	1:A:50:PHE:HB2	1.97	0.46
1:A:315:LEU:HD23	1:A:441:ALA:HA	1.99	0.45
1:A:199:SER:HB3	1:A:202:ILE:HD12	2.00	0.44
1:A:405:GLN:HA	1:A:409:TRP:HB2	2.00	0.43
1:A:548:LEU:HD13	1:A:598:ILE:HD13	2.00	0.43
1:A:612:TRP:HB3	1:A:634:THR:HG22	2.00	0.43
2:B:57:SER:HB3	2:B:78:GLN:HE21	1.84	0.42
1:A:610:LYS:HD2	1:A:634:THR:HG21	2.01	0.42
2:B:130:THR:HG23	2:B:173:VAL:HG22	2.02	0.41
2:B:298:ASP:HB2	2:B:319:ASP:HB3	2.02	0.41
1:A:493:ASP:HB3	1:A:496:ALA:HB2	2.02	0.41
1:A:134:LEU:HD23	1:A:192:PHE:CE1	2.56	0.41
2:B:282:VAL:HB	2:B:291:PHE:HB3	2.03	0.41
2:B:224:GLN:HB2	2:B:227:VAL:HG22	2.02	0.40
1:A:19:ASP:HA	1:A:42:CYS:HB2	2.01	0.40

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:558:VAL:HA	1:A:564:THR:HG22	2.02	0.40

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	611/645 (95%)	588 (96%)	21 (3%)	2 (0%)	36 56
2	B	308/350 (88%)	293 (95%)	13 (4%)	2 (1%)	21 39
All	All	919/995 (92%)	881 (96%)	34 (4%)	4 (0%)	30 49

All (4) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
2	B	147	ILE
1	A	319	LEU
2	B	284	ASP
1	A	240	LYS

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	550/570 (96%)	531 (96%)	19 (4%)	32 57

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
2	B	263/298 (88%)	257 (98%)	6 (2%)	44	69
All	All	813/868 (94%)	788 (97%)	25 (3%)	35	60

All (25) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	101	ARG
1	A	102	ASN
1	A	155	VAL
1	A	157	LEU
1	A	276	GLU
1	A	289	GLN
1	A	312	LEU
1	A	317	ASP
1	A	361	LEU
1	A	388	LEU
1	A	400	THR
1	A	405	GLN
1	A	437	LEU
1	A	506	LEU
1	A	507	HIS
1	A	576	MET
1	A	621	VAL
1	A	622	CYS
1	A	635	ILE
2	B	19	LEU
2	B	53	CYS
2	B	78	GLN
2	B	206	ILE
2	B	304	THR
2	B	312	LEU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (21) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	56	GLN
1	A	79	ASN
1	A	140	ASN
1	A	215	ASN
1	A	263	GLN
1	A	270	ASN

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Mol	Chain	Res	Type
1	A	271	HIS
1	A	282	GLN
1	A	359	GLN
1	A	394	ASN
1	A	396	ASN
1	A	405	GLN
1	A	443	ASN
1	A	455	HIS
1	A	507	HIS
2	B	69	ASN
2	B	78	GLN
2	B	178	HIS
2	B	190	ASN
2	B	256	GLN
2	B	309	ASN

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](#)

3 ligands 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
5	GOL	A	703	-	5,5,5	0.11	0	5,5,5	0.17	0
4	EDO	A	702	-	3,3,3	0.58	0	2,2,2	0.36	0
3	QKY	A	701	-	20,24,24	0.49	0	21,34,34	0.63	1 (4%)

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
5	GOL	A	703	-	-	0/4/4/4	-
4	EDO	A	702	-	-	0/1/1/1	-
3	QKY	A	701	-	-	4/12/39/39	0/3/3/3

There are no bond length outliers.

All (1) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
3	A	701	QKY	N2-C2-N1	2.48	130.72	124.99

There are no chirality outliers.

All (4) torsion outliers are listed below:

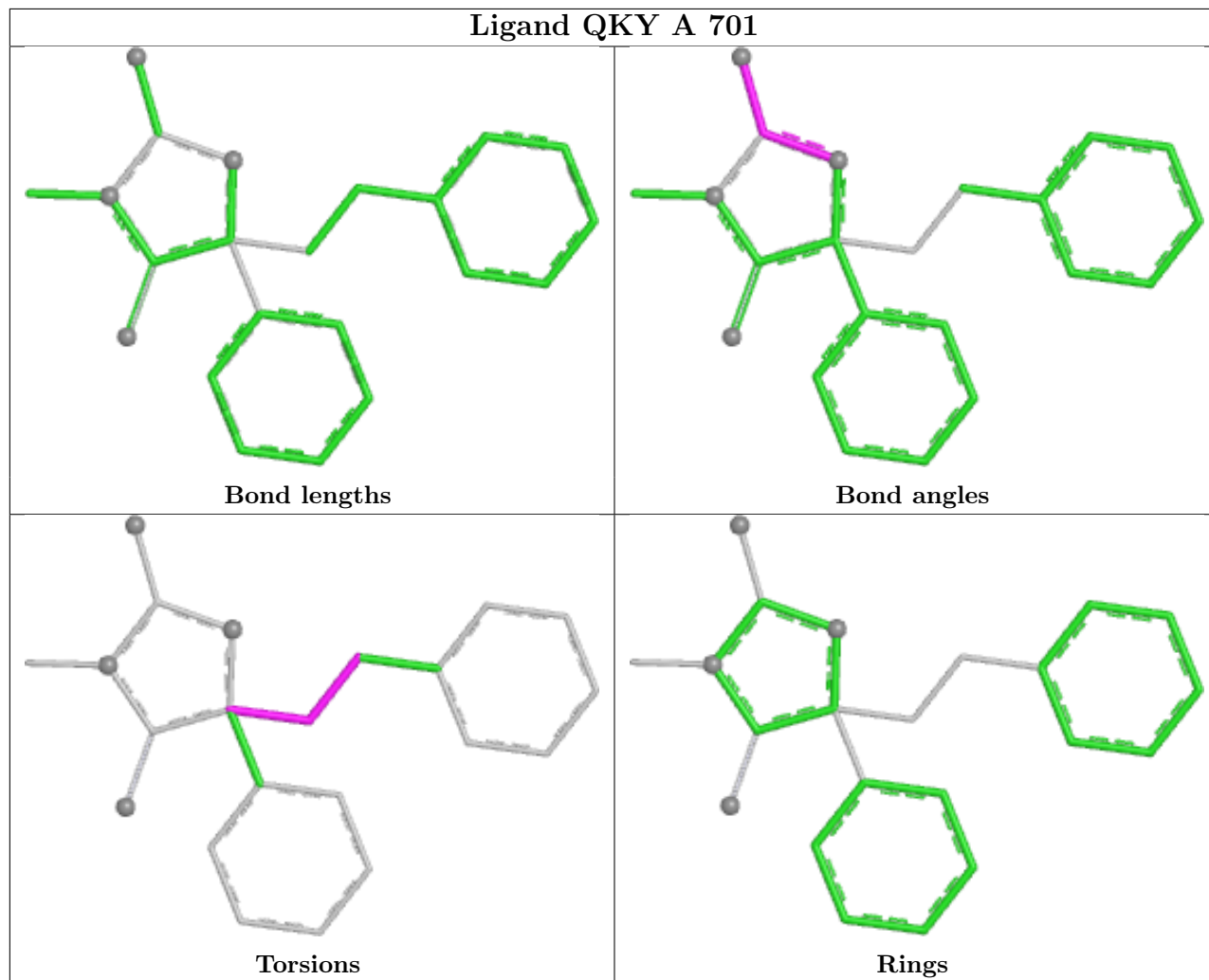
Mol	Chain	Res	Type	Atoms
3	A	701	QKY	N1-C1-C9-C10
3	A	701	QKY	C-C1-C9-C10
3	A	701	QKY	C3-C1-C9-C10
3	A	701	QKY	C11-C10-C9-C1

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	615/645 (95%)	0.69	34 (5%) 30 26	50, 76, 106, 169	0
2	B	310/350 (88%)	1.26	55 (17%) 4 3	68, 92, 115, 128	0
All	All	925/995 (92%)	0.88	89 (9%) 13 11	50, 83, 111, 169	0

All (89) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	577	PHE	4.4
1	A	574	PRO	4.1
1	A	299	LEU	3.9
2	B	19	LEU	3.6
1	A	277	PHE	3.5
2	B	86	LEU	3.5
1	A	297	TYR	3.5
1	A	45	VAL	3.3
2	B	210	ALA	3.3
2	B	300	VAL	3.2
1	A	578	SER	3.1
2	B	245	THR	3.1
2	B	318	TRP	3.1
2	B	149	ILE	3.0
1	A	296	ALA	3.0
2	B	87	THR	2.9
2	B	58	LEU	2.9
1	A	369	GLY	2.9
2	B	103	VAL	2.8
2	B	178	HIS	2.8
2	B	322	VAL	2.8
2	B	225	SER	2.8
1	A	637	LEU	2.7
2	B	177	PRO	2.7

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Mol	Chain	Res	Type	RSRZ
1	A	249	MET	2.7
1	A	507	HIS	2.7
1	A	315	LEU	2.7
1	A	575	GLY	2.7
2	B	102	ALA	2.7
2	B	211	PRO	2.6
1	A	20	LEU	2.6
1	A	149	SER	2.6
2	B	184	LEU	2.6
1	A	506	LEU	2.6
2	B	249	LEU	2.6
1	A	431	ILE	2.5
2	B	299	PHE	2.5
2	B	278	CYS	2.5
2	B	44	LEU	2.5
2	B	290	LEU	2.5
2	B	308	LEU	2.5
2	B	43	LEU	2.4
2	B	41	ALA	2.4
2	B	105	LEU	2.4
2	B	268	VAL	2.4
2	B	208	CYS	2.4
1	A	437	LEU	2.4
2	B	269	PRO	2.4
2	B	94	ILE	2.4
1	A	319	LEU	2.4
2	B	283	LEU	2.4
2	B	114	LEU	2.3
2	B	246	SER	2.3
2	B	61	PHE	2.3
1	A	318	ASN	2.3
2	B	101	GLY	2.3
2	B	95	LEU	2.3
1	A	230	ILE	2.2
2	B	248	VAL	2.2
2	B	240	VAL	2.2
1	A	579	TRP	2.2
1	A	236	PHE	2.2
1	A	317	ASP	2.2
1	A	51	LYS	2.2
1	A	416	VAL	2.1
1	A	607	ASN	2.1

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Mol	Chain	Res	Type	RSRZ
2	B	49	LEU	2.1
2	B	60	LEU	2.1
2	B	108	LEU	2.1
1	A	439	SER	2.1
2	B	68	PRO	2.1
2	B	89	VAL	2.1
2	B	55	ALA	2.1
1	A	266	ILE	2.1
1	A	424	VAL	2.1
2	B	303	ALA	2.1
2	B	160	LEU	2.1
2	B	214	LEU	2.1
1	A	294	PRO	2.1
2	B	307	PRO	2.1
2	B	72	PHE	2.0
2	B	46	ALA	2.0
2	B	171	THR	2.0
2	B	243	LYS	2.0
2	B	64	PRO	2.0
1	A	509	PHE	2.0
2	B	133	VAL	2.0
2	B	271	LEU	2.0
1	A	582	ILE	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](#)

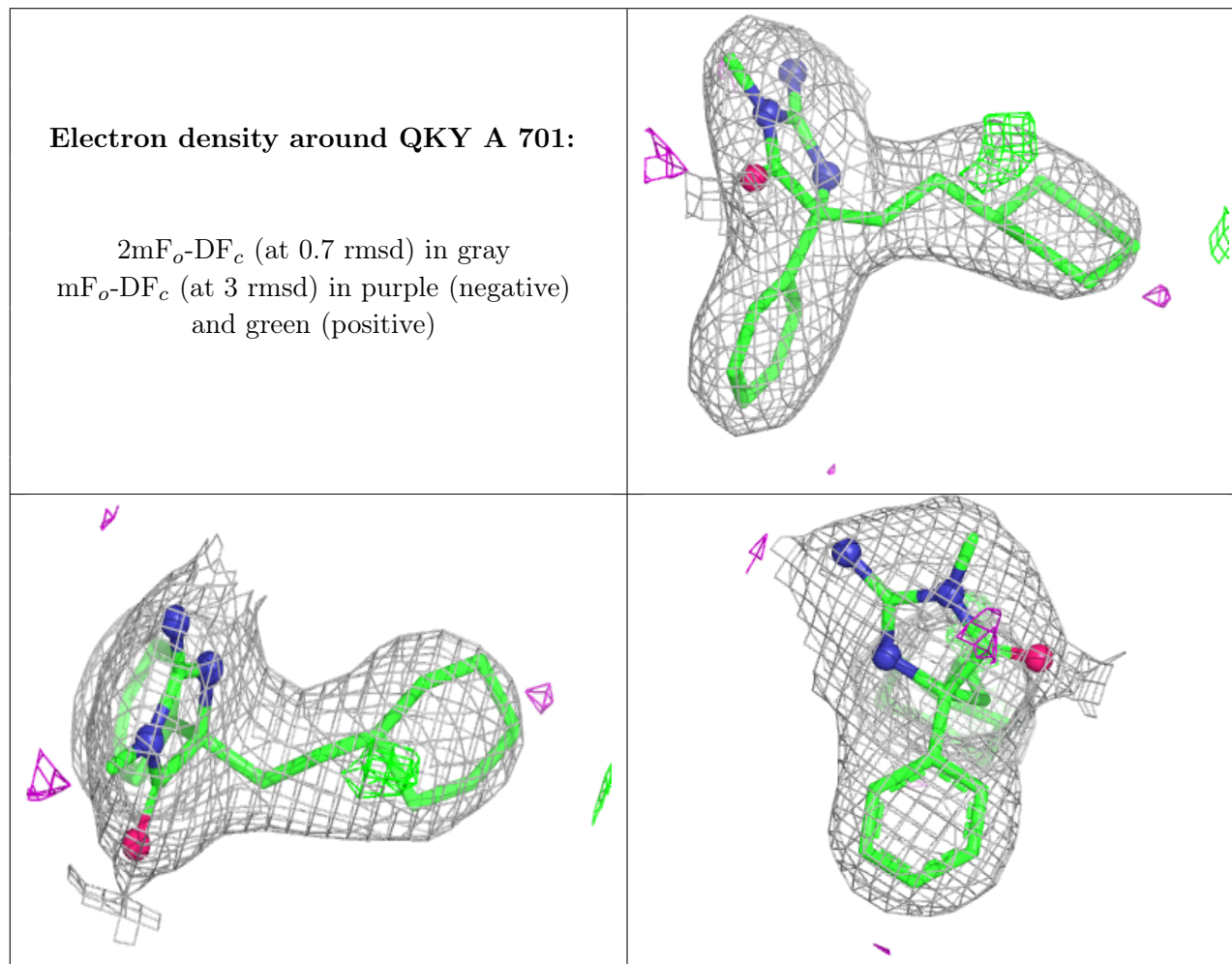
In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists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

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
5	GOL	A	703	6/6	0.73	0.17	72,73,73,73	0
4	EDO	A	702	4/4	0.86	0.12	56,57,58,58	0
3	QKY	A	701	22/22	0.93	0.12	53,56,57,59	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.



6.5 Other polymers ⓘ

There are no such residues in this entry.