



# Full wwPDB X-ray Structure Validation Report

(i)

Feb 26, 2014 – 03:50 PM GMT

PDB ID : 3PM0  
Title : Structural Characterization of the Complex between Alpha-Naphthoflavone and Human Cytochrome P450 1B1 (CYP1B1)  
Authors : Wang, A.; Stout, C.D.; Johnson, E.F.  
Deposited on : 2010-11-15  
Resolution : 2.70 Å(reported)

This is a full wwPDB validation report for a publicly released PDB entry.

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

A user guide is available at <http://wwpdb.org/ValidationPDFNotes.html>

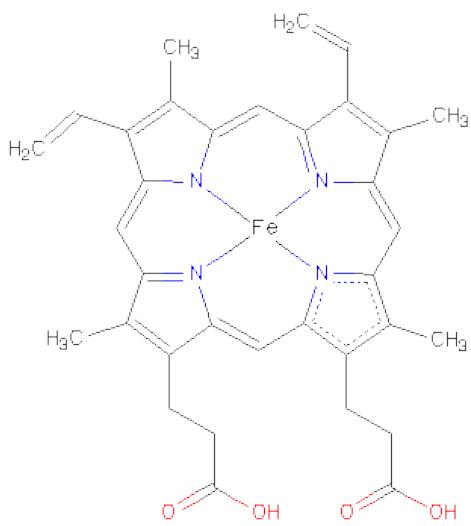
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The following versions of software and data (see [references](#)) were used in the production of this report:

MolProbity : 4.02b-467  
Mogul : 1.15 2013  
Xtriage (Phenix) : dev-1323  
EDS : stable22639  
Percentile statistics : 21963  
Refmac : 5.8.0049  
CCP4 : 6.3.0 (Settle)  
Ideal geometry (proteins) : Engh & Huber (2001)  
Ideal geometry (DNA, RNA) : Parkinson et. al. (1996)  
Validation Pipeline (wwPDB-VP) : stable22683

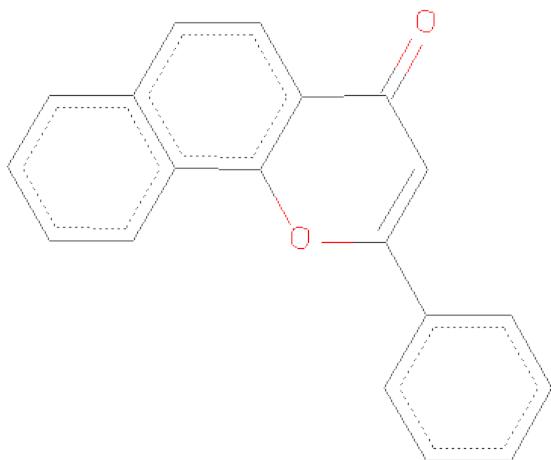






Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
			Total	C	Fe	N	O		
2	A	1	43	34	1	4	4	0	0

- Molecule 3 is 2-PHENYL-4H-BENZO[H]CHROMEN-4-ONE (three-letter code: BHF) (formula: C<sub>19</sub>H<sub>12</sub>O<sub>2</sub>).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
			Total	C	O		
3	A	1	21	19	2	0	0

- Molecule 4 is water.

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
4	A	33	Total    O 33    33	0	0



























## 5.8 Polymer linkage issues

There are no chain breaks in this entry.



density of the group with respect to its neighbouring residues in protein, DNA or RNA chains. The B-factors column lists the minimum, median, 95<sup>th</sup> 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	RSR	LLDF	B-factors(Å <sup>2</sup> )	Q<0.9
3	BHF	A	800	21/21	0.24	2.03	38,40,42,43	0
2	HEM	A	900	43/43	0.15	-0.59	22,27,37,41	0

## 6.5 Other polymers (i)

There are no such residues in this entry.