

Fluoreno[3,4-b]fluorene

Inchi:	InChI=1S/C24H14/c1-3-7-20-15(5-1)12-19-13-17-9-10-18-11-16-6-2-4-8-21(16)24(18)23
InchiKey:	PXNPMOLGMZWKAE-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	<chem>C1=c2cc3ccc4c(c3cc2-c2ccccc21)-c1ccccc1C=4</chem>
Mol. weight [g/mol]:	302.37
CAS:	198-93-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.87		Crippen Method
logp	4.458		Crippen Method
mcvol	232.260	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C198936&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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<https://www.chemeo.com/cid/77-390-4/Fluoreno-3-4-b-fluorene.pdf>

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