

Fluoreno[3,2-b]fluorene

Inchi:	InChI=1S/C24H14/c1-3-7-21-15(5-1)9-19-11-17-14-24-20(12-18(17)13-23(19)21)10-16-6
InchiKey:	ZCFDKGDAVQHTPR-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	C1=c2cc3cc4c(cc3cc2-c2ccccc21)=Cc1ccccc1-4
Mol. weight [g/mol]:	302.37
CAS:	102634-40-2

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

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C102634402&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/72-360-2/Fluoreno-3-2-b-fluorene.pdf>

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