

Fluoreno[4,3-c]fluorene

Inchi:	InChI=1S/C24H14/c1-3-7-19-15(5-1)13-17-9-11-22-21(23(17)19)12-10-18-14-16-6-2-4-8
InchiKey:	GIHCIPHHTYPBPE-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	<chem>C1=c2ccc3c4c(ccc3c2-c2ccccc21)=Cc1ccccc1-4</chem>
Mol. weight [g/mol]:	302.37
CAS:	131238-65-8

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

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C131238658&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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