

Fluoreno[2,3-a]fluorene

Inchi:	InChI=1S/C24H14/c1-4-8-20-15(5-1)11-18-14-22-17(12-23(18)20)9-10-21-19-7-3-2-6-16
InchiKey:	UHDBXHOEUOAQUB-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	<chem>C1=c2cc3c4c(ccc3cc2-c2ccccc21)-c1ccccc1C=4</chem>
Mol. weight [g/mol]:	302.37
CAS:	223-66-5

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=C223665&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/72-361-1/Fluoreno-2-3-a-fluorene.pdf>

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