

Fluoreno[2,1-a]fluorene

Inchi:	InChI=1S/C24H14/c1-3-7-17-15(5-1)13-23-19(17)9-11-22-21(23)12-10-20-18-8-4-2-6-16
InchiKey:	ZUMZZJGDNSDLAH-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	C1=c2c(ccc3c4c(ccc23)-c2ccccc2C=4)-c2ccccc21
Mol. weight [g/mol]:	302.37
CAS:	221-15-8

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

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C221158&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/72-364-8/Fluoreno-2-1-a-fluorene.pdf>

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