

Dibenzo[c,i]cyclopenta[a]fluorene

Inchi:	InChI=1S/C24H14/c1-2-7-16-15(6-1)12-13-21-22(16)14-23-19-11-5-10-17(19)18-8-3-4-9
InchiKey:	KTHVVIMJMRPQCK-UHFFFAOYSA-N
Formula:	C24H14
SMILES:	C1=Cc2c(c3c(c4cccc24)-c2ccc4cccc4c2C=3)=C1
Mol. weight [g/mol]:	302.37
CAS:	63218-07-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.82		Crippen Method
logp	4.609		Crippen Method
mvol	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=C63218075&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
mvol:	McGowan's characteristic volume

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