

9(10H)-Acridinone, 4-methoxy-

Other names:	10H-Acridin-9-one, 4-methoxy- 4-Methoxyacridin-9(10H)-one
Inchi:	InChI=1S/C14H11NO2/c1-17-12-8-4-6-10-13(12)15-11-7-3-2-5-9(11)14(10)16/h2-8H,1H3
InchiKey:	ZYEVJRPVZZGDRM-UHFFFAOYSA-N
Formula:	C14H11NO2
SMILES:	COc1cccc2c(=O)c3cccc3[nH]c12
Mol. weight [g/mol]:	225.24
CAS:	35308-00-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.84		Crippen Method
logp	2.208		Crippen Method
mvol	167.160	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=C35308000&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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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