

1,3-Dihydroxy-2-methoxy-10-methylacridin-9(10H)

Inchi:	InChI=1S/C15H13NO4/c1-16-9-6-4-3-5-8(9)13(18)12-10(16)7-11(17)15(20-2)14(12)19/h
InchiKey:	MEIZZDBRRJMWJCJ-UHFFFAOYSA-N
Formula:	C15H13NO4
SMILES:	COc1c(O)cc2c(c1O)c(=O)c1cccc1n2C
Mol. weight [g/mol]:	271.27
CAS:	16584-46-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.01		Crippen Method
logp	2.111		Crippen Method
mcvol	192.990	ml/mol	McGowan Method
rinpol	3017.10		NIST Webbook
rinpol	3017.10		NIST Webbook

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16584466&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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