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/h3
InchiKey: MEIZZDBRRJMWCJ-UHFFFAOYSA-N
Formula: C15H13NO4
SMILES: COc1c(O)cc2c(c1O)c(=O)c1ccccc1n2C
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