2,4-Dimethoxyquinoline

Inchi: InChI=1S/C11H11NO2/c1-13-10-7-11(14-2)12-9-6-4-3-5-8(9)10/h3-7H,1-2H3
InchiKey: XSZBLRGKCBUWRJ-UHFFFAOYSA-N
Formula: C11H11NO2
SMILES: COc1cc(OC)c2ccccc2n1
Mol. weight [g/mol]: 189.21
CAS: 40335-00-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.28		Crippen Method
logp	2.252		Crippen Method
mcvol	144.350	ml/mol	McGowan Method

Sources

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=C40335000&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume