Quinoline, 2-methoxy-

Other names: 2-Methoxyquinoline
Inchi: InChI=1S/C10H9NO/c1-12-10-7-6-8-4-2-3-5-9(8)11-10/h2-7H,1H3
InchiKey: ZTQNUTNKGQGWCM-UHFFFAOYSA-N
Formula: C10H9NO
SMILES: COc1ccc2ccccc2n1
Mol. weight [g/mol]: 159.18
CAS: 6931-16-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.16		Crippen Method
logp	2.243		Crippen Method
mcvol	124.390	ml/mol	McGowan Method
rinpol	1377.00		NIST Webbook
rinpol	235.35		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=C6931164&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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