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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