Quinoline, 4-methoxy-

Other names: 4-Methoxyquinoline
Inchi: InChI=1S/C10H9NO/c1-12-10-6-7-11-9-5-3-2-4-8(9)10/h2-7H,1H3
InchiKey: RWTCJCUERNMVEZ-UHFFFAOYSA-N
Formula: C10H9NO
SMILES: COc1ccnc2ccccc12
Mol. weight [g/mol]: 159.18
CAS: 607-31-8

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	1506.00		NIST Webbook
ripol	2294.00		NIST Webbook
tf	312.40 ± 0.70	K	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C607318&Units=SI
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

Legend

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

tf: Normal melting (fusion) point