

Quinoline, 6-methoxy-4-methyl-

Other names:	6-Methoxylepidine
Inchi:	InChI=1S/C11H11NO/c1-8-5-6-12-11-4-3-9(13-2)7-10(8)11/h3-7H,1-2H3
InchiKey:	MBVGYFIYXWVPQY-UHFFFAOYSA-N
Formula:	C11H11NO
SMILES:	COc1ccc2nccc(C)c2c1
Mol. weight [g/mol]:	173.21
CAS:	41037-26-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.64		Crippen Method
logp	2.552		Crippen Method
mcvol	138.480	ml/mol	McGowan Method
tf	303.00 ± 4.00	K	NIST Webbook

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=C41037267&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
tf:	Normal melting (fusion) point

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<https://www.chemeo.com/cid/27-409-8/Quinoline-6-methoxy-4-methyl.pdf>

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