

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/ci9903071
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

Latest version available from:

<https://www.cheméo.com/cid/46-263-9/Quinoline-4-methoxy.pdf>

Generated by Cheméo on 2024-04-26 04:51:36.868739595 +0000 UTC m=+16396345.789316910.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.