

Benzo[f]quinoline, 2-methyl-

Other names:	2-Methylbenzo[f]quinoline
Inchi:	InChI=1S/C14H11N/c1-10-8-13-12-5-3-2-4-11(12)6-7-14(13)15-9-10/h2-9H,1H3
InchiKey:	GDYIXQSZWGQBMB-UHFFFAOYSA-N
Formula:	C14H11N
SMILES:	Cc1cnc2ccc3ccccc3c2c1
Mol. weight [g/mol]:	193.24
CAS:	39258-30-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.32		Crippen Method
logp	3.696		Crippen Method
mcvol	155.420	ml/mol	McGowan Method
rinpol	320.50		NIST Webbook
rinpol	320.50		NIST Webbook
tf	355.00 ± 3.00	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=C39258305&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
rinpol:	Non-polar retention indices
tf:	Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/78-534-3/Benzo-f-quinoline-2-methyl.pdf>

Generated by Cheméo on 2024-04-26 18:45:32.007594961 +0000 UTC m=+16446380.928172281.

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