

DL-Homatropine, trimethylsilyl ether

Other names:	Homatropine, tms derivative
Inchi:	InChI=1S/C19H29NO3Si/c1-20-15-10-11-16(20)13-17(12-15)22-19(21)18(23-24(2,3)4)14
InchiKey:	HQRZWPKEPSHAQX-UHFFFAOYSA-N
Formula:	C19H29NO3Si
SMILES:	CN1C2CCC1CC(OC(=O)C(O[Si](C)(C)C)c1cccc1)C2
Mol. weight [g/mol]:	347.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.03		Crippen Method
logp	3.748		Crippen Method
rinpol	2161.60		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352321&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/61-212-8/DL-Homatropine-trimethylsilyl-ether.pdf>

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