

1-cyclopropyl, 4,4,7,10-tetramethylsilatrane, c

Inchi: InChI=1S/C13H25NO3Si/c1-10-7-14-8-11(2)17-18(16-10,12-5-6-12)15-9-13(14,3)4/h10-13
InchiKey: YPVKXRHORQXMOF-UHFFFAOYSA-N
Formula: C13H25NO3Si
SMILES: CC1CN2CC(C)O[Si](C3CC3)(OCC2(C)C)O1
Mol. weight [g/mol]: 271.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.33		Crippen Method
logp	2.024		Crippen Method
rinpol	1717.00		NIST Webbook
rinpol	1717.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145614&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/124-450-4/1-cyclopropyl-4-4-7-10-tetramethylsilatrane-c.pdf>

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