1-chloromethyl, 4,4,7,10-tetramethylsilatrane, b

Inchi: InChI=1S/C11H22ClNO3Si/c1-9-5-13-6-10(2)16-17(8-12,15-9)14-7-11(13,3)4/h9-10H,5-8

InchiKey: COMDYUPDFIYCJZ-UHFFFAOYSA-N

Formula: C11H22ClNO3Si

SMILES: CC1CN2CC(C)O[Si](CCl)(OCC2(C)C)O1

Mol. weight [g/mol]: 279.84

Physical Properties

Property code	Value	Unit	Source
log10ws	0.16		Crippen Method
logp	1.638		Crippen Method
rinpol	1905.00		NIST Webbook
rinpol	1905.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R145570&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices