1-(Dichloromethyl)dimethylsilyloxytridec-2-yne

Inchi: InChI=1S/C16H30Cl2OSi/c1-4-5-6-7-8-9-10-11-12-13-14-15-19-20(2,3)16(17)18/h16H,4-

InchiKey: AUOBOAMSTQBUHD-UHFFFAOYSA-N

Formula: C16H30Cl2OSi

SMILES: CCCCCCCCCCC#CCO[Si](C)(C)C(Cl)Cl

Mol. weight [g/mol]: 337.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	6.085		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299457&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices