

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,4-15H,17H,18H,19H,20H,21H
InchiKey: AUOBOAMSTQBUHD-UHFFFAOYSA-N
Formula: C16H30Cl2OSi
SMILES: CCCCCCCCCC#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

Latest version available from:

<https://www.chemeo.com/cid/27-242-3/1-Dichloromethyl-dimethylsilyloxytridec-2-yne.pdf>

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