2-Dimethyloctylsilyloxybut-3-yne

Inchi: InChI=1S/C14H28OSi/c1-6-8-9-10-11-12-13-16(4,5)15-14(3)7-2/h2,14H,6,8-13H2,1,3-5H
InchiKey: RFAQTEOPLMWYJD-UHFFFAOYSA-N
Formula: C14H28OSi
SMILES: C#CC(C)O[Si](C)(C)CCCCCCCC
Mol. weight [g/mol]: 240.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.73		Crippen Method
logp	4.590		Crippen Method
rinpol	1395.00		NIST Webbook
rinpol	1395.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299502&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