4-Dimethylisopropylsilyloxy-2-methyloct-5-yne

Inchi: InChI=1S/C14H28OSi/c1-8-9-10-14(11-12(2)3)15-16(6,7)13(4)5/h12-14H,8,11H2,1-7H3
InchiKey: FICCWTBJGIUULW-UHFFFAOYSA-N
Formula: C14H28OSi
SMILES: CCC#CC(CC(C)C)O[Si](C)(C)C(C)C
Mol. weight [g/mol]: 240.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	4.446		Crippen Method
rinpol	1321.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299496&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