1-Dimethylisopropylsilyloxytridec-2-yne

Inchi: InChI=1S/C18H36OSi/c1-6-7-8-9-10-11-12-13-14-15-16-17-19-20(4,5)18(2)3/h18H,6-14,
InchiKey: UDMAVXQDMZYKBM-UHFFFAOYSA-N
Formula: C18H36OSi
SMILES: CCCCCCCCCCC#CCO[Si](C)(C)C(C)C
Mol. weight [g/mol]: 296.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.29		Crippen Method
logp	6.152		Crippen Method
rinpol	1892.00		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=U299500&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices