1-Dimethyloctylsilyloxytridec-2-yne

Inchi: InChI=1S/C23H46OSi/c1-5-7-9-11-13-14-15-16-17-18-20-22-24-25(3,4)23-21-19-12-10-8

InchiKey: QCWNJIJTXDXFMS-UHFFFAOYSA-N

Formula: C23H46OSi

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

Mol. weight [g/mol]: 366.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.38		Crippen Method
logp	8.103		Crippen Method
rinpol	2344.00		NIST Webbook
rinpol	2344.00		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=U299508&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices