2-Dimethylisopropylsilyloxyoct-3-ene

Inchi: InChI=1S/C13H28OSi/c1-7-8-9-10-11-13(4)14-15(5,6)12(2)3/h10-13H,7-9H2,1-6H3/b11-

InchiKey: UXAUEVALPMOALS-ZHACJKMWSA-N

Formula: C13H28OSi

SMILES: CCCCC=CC(C)O[Si](C)(C)C(C)C

Mol. weight [g/mol]: 228.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.37		Crippen Method
logp	4.753		Crippen Method
rinpol	1276.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299495&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