

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: UXAEUEVALPMOALS-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

Latest version available from:

<https://www.chemeo.com/cid/23-523-5/2-Dimethylisopropylsilyloxyoct-3-ene.pdf>

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