

2-Dimethyldodecylsilyloxyoct-3-ene

Inchi: InChI=1S/C22H46OSi/c1-6-8-10-12-13-14-15-16-17-19-21-24(4,5)23-22(3)20-18-11-9-7-
InchiKey: DYIKPJOURCXMDK-CZIZESTLSA-N
Formula: C22H46OSi
SMILES: CCCCC=CC(C)O[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 354.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.14		Crippen Method
logp	8.264		Crippen Method
rinpol	2118.00		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=U299553&Units=SI>

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/11-940-5/2-Dimethyldodecylsilyloxyoct-3-ene.pdf>

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