

Disiloxane, 1,3-bis(1,1-dimethylethyl)-1,1,3,3-tetramethyl-

Other names: 1,3-Bis(1,1-dimethylethyl)-1,1,3,3-tetramethyldisiloxane
Inchi: InChI=1S/C12H30OSi2/c1-11(2,3)14(7,8)13-15(9,10)12(4,5)6/h1-10H3
InchiKey: FGTJJHCZWOVVNH-UHFFFAOYSA-N
Formula: C12H30OSi2
SMILES: CC(C)(C)[Si](C)(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 246.54
CAS: 67875-55-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.03		Crippen Method
logp	5.013		Crippen Method
rinpol	1126.70		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C67875552&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/91-285-5/Disiloxane-1-3-bis-1-1-dimethylethyl-1-1-3-3-tetramethyl.pdf>

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