

Silane, dimethyl(2,6-dimethylnon-1-en-3-yn-5-yloxy)propoxy

Inchi: InChI=1S/C16H30O2Si/c1-8-10-15(5)16(12-11-14(3)4)18-19(6,7)17-13-9-2/h15-16H,3,8-
InchiKey: NQBQCCMVXKKMIA-UHFFFAOYSA-N
Formula: C16H30O2Si
SMILES: C=C(C)C#CC(O[Si](C)(C)OCCC)C(C)CCC
Mol. weight [g/mol]: 282.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	4.516		Crippen Method
rinpol	1455.00		NIST Webbook
rinpol	1455.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347903&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/20-965-8/Silane-dimethyl-2-6-dimethylnon-1-en-3-yn-5-yloxy-propoxy.pdf>

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