

Silane, dimethyl(hex-4-yn-3-yloxy)nonyloxy-

Inchi: InChI=1S/C17H34O2Si/c1-6-9-10-11-12-13-14-16-18-20(4,5)19-17(8-3)15-7-2/h17H,6,8-
InchiKey: UOVGVKGJOYEITQ-UHFFFAOYSA-N
Formula: C17H34O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCCCC
Mol. weight [g/mol]: 298.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.65		Crippen Method
logp	5.274		Crippen Method
rinpol	1717.00		NIST Webbook
rinpol	1717.00		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=U347921&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/120-739-8/Silane-dimethyl-hex-4-yn-3-yloxy-nonyloxy.pdf>

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