

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

Inchi: InChI=1S/C18H36O2Si/c1-6-9-10-11-12-13-14-15-17-19-21(4,5)20-18(8-3)16-7-2/h18H,6
InchiKey: ZRGUVSAYQWWTEM-UHFFFAOYSA-N
Formula: C18H36O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCCCC
Mol. weight [g/mol]: 312.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	5.664		Crippen Method
rinpol	1819.00		NIST Webbook
rinpol	1819.00		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=U347922&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/97-438-9/Silane-dimethyl-hex-4-yn-3-yloxy-decyloxy.pdf>

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