

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

Inchi: InChI=1S/C16H32O2Si/c1-6-9-10-11-12-13-15-17-19(4,5)18-16(8-3)14-7-2/h16H,6,8-13,
InchiKey: QQQWWVMNEKSLID-UHFFFAOYSA-N
Formula: C16H32O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]: 284.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.23		Crippen Method
logp	4.884		Crippen Method
rinpol	1614.00		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=U347920&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/112-787-4/Silane-dimethyl-hex-4-yn-3-yloxy-octyloxy.pdf>

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