

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

Inchi: InChI=1S/C15H30O2Si/c1-6-9-10-11-12-14-16-18(4,5)17-15(8-3)13-7-2/h15H,6,8-12,14H
InchiKey: WSYZUOSBNCWWBX-UHFFFAOYSA-N
Formula: C15H30O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 270.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	4.494		Crippen Method
rinpol	1517.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347919&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/93-501-2/Silane-dimethyl-hex-4-yn-3-yloxy-heptyloxy.pdf>

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