

Silane, dimethyl(dodec-9-ynyloxy)propoxy-

Inchi: InChI=1S/C17H34O2Si/c1-5-7-8-9-10-11-12-13-14-15-17-19-20(3,4)18-16-6-2/h5-6,9-17
InchiKey: KCQQOYMMZSLOEK-UHFFFAOYSA-N
Formula: C17H34O2Si
SMILES: CCC#CCCCCCCCO[Si](C)(C)OCCC
Mol. weight [g/mol]: 298.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Crippen Method
logp	5.276		Crippen Method
rinpol	1833.00		NIST Webbook
rinpol	1833.00		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=U347871&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/48-828-0/Silane-dimethyl-dodec-9-ynyloxy-propoxy.pdf>

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