

Silane, dimethyl(dodec-9-yn-1-yloxy)octadecyloxy-

Inchi: InChI=1S/C32H64O2Si/c1-5-7-9-11-13-15-17-18-19-20-21-22-24-26-28-30-32-34-35(3,4)
InchiKey: JHKRRPCONSGJOK-UHFFFAOYSA-N
Formula: C32H64O2Si
SMILES: CCC#CCCCCCCCCO[Si](C)(C)OCCCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 508.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.82		Crippen Method
logp	11.127		Crippen Method
rinpol	3234.00		NIST Webbook
rinpol	3234.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346767&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/86-217-6/Silane-dimethyl-dodec-9-yn-1-yloxy-octadecyloxy.pdf>

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