

Silane, dimethyldimethyl((dodec-9-ynyloxy)silyloxy)(dodec-9-ynyloxy)silyloxy

Other names: 9-Dodecyn-1-ol, dimethyl(dimethyl(dodec-9-yn-1-yloxy)silyloxy)silyl ether
Inchi: InChI=1S/C28H54O3Si2/c1-7-9-11-13-15-17-19-21-23-25-27-29-32(3,4)31-33(5,6)30-28
InchiKey: SVMWLKNJMSESHG-UHFFFAOYSA-N
Formula: C28H54O3Si2
SMILES: CCC#CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCCC#CCC
Mol. weight [g/mol]: 494.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.66		Crippen Method
logp	8.728		Crippen Method
rinpol	2797.00		NIST Webbook
rinpol	2798.00		NIST Webbook
rinpol	2798.00		NIST Webbook
rinpol	2797.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347886&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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