

1,7-Di(dodec-9-ynyl)-2,2,4,4,6,6-hexamethyl-1,3,5,7-tetraoxa-2,4,6-trisilaheptane

Inchi: InChI=1S/C30H60O4Si3/c1-9-11-13-15-17-19-21-23-25-27-29-31-35(3,4)33-37(7,8)34-36
InchiKey: PIJKVERHYHUAOK-UHFFFAOYSA-N
Formula: C30H60O4Si3
SMILES: CCC#CCCCCCCCO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCCCCCCCC#CCC
Mol. weight [g/mol]: 569.05

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.22		Crippen Method
logp	9.446		Crippen Method
rinpol	2921.00		NIST Webbook
rinpol	2921.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347887&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/88-405-5/1-7-Di-dodec-9-ynyl-2-2-4-4-6-6-hexamethyl-1-3-5-7-tetraoxa-2-4-6-trisilaheptane>

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