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

Inchi: InChI=1S/C30H60O4Si3/c1-9-11-13-15-17-19-21-23-25-27-29-31-35(3,4)33-37(7,8)34-3

InchiKey: PIJKVERHYHUAOK-UHFFFAOYSA-N

Formula: C30H60O4Si3

SMILES: CCC#CCCCCCCCCO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCCCCCCCCCC#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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices