1,13-Di(1-phenylpropyl)-2,2,4,4,6,6,8,8,10,10,12,12

Other names: 1,13-Di(1-phenylpropoxy)-2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-1,3,5,7,9,11,13-hept
Inchi: InChI=1S/C30H58O7Si6/c1-15-29(27-23-19-17-20-24-27)31-38(3,4)33-40(7,8)35-42(11,1
InchiKey: GLUASQKGECMTRQ-UHFFFAOYSA-N
Formula: C30H58O7Si6
SMILES: CCC(O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OC(CC)c1cccc
Mol. weight [g/mol]: 699.29

Physical Properties

Property code	Value	Unit	Source
log10ws	3.09		Crippen Method
logp	9.616		Crippen Method
rinpol	2707.00		NIST Webbook
rinpol	2707.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347289&Units=SI

Legend

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