1,15-Di(1-phenylpropyl)-2,2,4,4,6,6,8,8,10,10,12,12

Other names: 1,15-Di(1-phenylpropoxy)-2,2,4,4,6,6,8,8,10,10,12,12,14,14-tetradecamethyl-1,3,5,7,9,11
Inchi: InChI=1S/C32H64O8Si7/c1-17-31(29-25-21-19-22-26-29)33-41(3,4)35-43(7,8)37-45(11,1
InchiKey: IBQRSLTYQXJBNS-UHFFFAOYSA-N
Formula: C32H64O8Si7
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)O[Si](C)(C)OC(
Mol. weight [g/mol]: 773.44

Physical Properties

Property code	Value	Unit	Source
log10ws	4.53		Crippen Method
logp	10.334		Crippen Method
rinpol	2849.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347290&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