1,11-Di(1-phenylpropyl)-2,2,4,4,6,6,8,8,10,10-decar

Other names: 1,11-Di(1-phenylpropoxy)-2,2,4,4,6,6,8,8,10,10-decamethyl-1,3,5,7,9,11-hexaoxa-2,4,6,8
Inchi: InChI=1S/C28H52O6Si5/c1-13-27(25-21-17-15-18-22-25)29-35(3,4)31-37(7,8)33-39(11,1
InchiKey: UKQBJJRRJMNERZ-UHFFFAOYSA-N
Formula: C28H52O6Si5
SMILES: CCC(O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OC(CC)c1ccccc1)c1ccccc
Mol. weight [g/mol]: 625.14

Physical Properties

Property code	Value	Unit	Source
log10ws	1.64		Crippen Method
logp	8.898		Crippen Method
rinpol	2556.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347288&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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