1,9-Di(1-phenylpropoxy)-2,2,4,4,6,6,8,8-octamethy

Inchi: InChI=1S/C26H46O5Si4/c1-11-25(23-19-15-13-16-20-23)27-32(3,4)29-34(7,8)31-35(9,10

InchiKey: BSWFQTFPPVCXHU-UHFFFAOYSA-N

Formula: C26H46O5Si4

SMILES: CCC(O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OC(CC)c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 550.98

Physical Properties

Property code	Value	Unit	Source
log10ws	0.20		Crippen Method
logp	8.179		Crippen Method
rinpol	2399.00		NIST Webbook
rinpol	2399.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347287&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