2,2,4,4-tetramethyl-6,6-diphenyl-[1,3,5,2,4,6]cyclot

Inchi: InChI=1S/C16H22O3Si3/c1-20(2)17-21(3,4)19-22(18-20,15-11-7-5-8-12-15)16-13-9-6-10

InchiKey: OGDLFRPDSKIBRZ-UHFFFAOYSA-N

Formula: C16H22O3Si3

SMILES: C[Si]1(C)O[Si](C)(C)O[Si](c2ccccc2)(c2ccccc2)O1

Mol. weight [g/mol]: 346.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.74		Crippen Method
logp	2.710		Crippen Method
rinpol	1773.00		NIST Webbook
rinpol	1773.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R254649&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