

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

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/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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