2,2,4,4,6,6,8,8-octamethyl-10,10,12,12-tetraphenyl-

Inchi: InChI=1S/C32H44O6Si6/c1-39(2)33-40(3,4)35-42(7,8)37-44(31-25-17-11-18-26-31,32-27
InchiKey: AJWGXDFZHTUSPR-UHFFFAOYSA-N
Formula: C32H44O6Si6
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O[S
Mol. weight [g/mol]: 693.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.76		Crippen Method
logp	5.420		Crippen Method
rinpol	2971.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R254481&Units=SI

Legend

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