2,2,4,4,6,6,8,8,10,10-decamethyl-12,12-diphenyl-[1

Inchi: InChI=1S/C22H40O6Si6/c1-29(2)23-30(3,4)25-32(7,8)27-34(21-17-13-11-14-18-21,22-19

InchiKey: MMJUWTOXMCTOEI-UHFFFAOYSA-N

Formula: C22H40O6Si6

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

Mol. weight [g/mol]: 569.06

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	4.865		Crippen Method
rinpol	2181.00		NIST Webbook
rinpol	2181.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R254441&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