2,2,4,6,8-pentamethyl-4,6,8-triphenyl-[1,3,5,7,2,4,6,8]cyclotetrasiloxane

Inchi: InChI=1S/C23H30O4Si4/c1-28(2)24-29(3,21-15-9-6-10-16-21)26-31(5,23-19-13-8-14-20-

InchiKey: YUXFWUGNPZLEJN-UHFFFAOYSA-N

Formula: C23H30O4Si4

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

Mol. weight [g/mol]: 482.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.47		Crippen Method
logp	3.706		Crippen Method
rinpol	2317.00		NIST Webbook
rinpol	2317.00		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=R254689&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices