2,2-dimethyl-4,4,6,6,8,8-hexaphenyl-[1,3,5,7,2,4,6,8

Inchi: InChI=1S/C38H36O4Si4/c1-43(2)39-44(33-21-9-3-10-22-33,34-23-11-4-12-24-34)41-46(

InchiKey: AMLJPMYFODDOQR-UHFFFAOYSA-N

Formula: C38H36O4Si4

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

Mol. weight [g/mol]: 669.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-25.00		Crippen Method
logp	4.538		Crippen Method
rinpol	3640.00		NIST Webbook
rinpol	3640.00		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=R254723&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices