

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(47-48-49-50)
InchiKey: AMLJPMYFODDOQR-UHFFFAOYSA-N
Formula: C38H36O4Si4
SMILES: C[Si]1(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)1
Mol. weight [g/mol]: 669.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-25.00		Crippen Method
logp	4.538		Crippen Method
rmpol	3640.00		NIST Webbook
rmpol	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
rmpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/113-288-7/2-2-dimethyl-4-4-6-6-8-8-hexaphenyl-1-3-5-7-2-4-6-8-cyclotetrasiloxane.pdf>

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