

2,2,4,4,6,8-Hexamethyl-6,8-diphenyl-[1,3,5,7,2,4,6,8]cyclotetrasiloxane

Inchi: InChI=1S/C18H28O4Si4/c1-23(2)19-24(3,4)21-26(6,18-15-11-8-12-16-18)22-25(5,20-23)
InchiKey: SQMDVANNTDBLCG-UHFFFAOYSA-N
Formula: C18H28O4Si4
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O1
Mol. weight [g/mol]: 420.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.30		Crippen Method
logp	3.428		Crippen Method
rinpol	1880.00		NIST Webbook
rinpol	1880.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254590&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/114-955-5/2-2-4-4-6-8-Hexamethyl-6-8-diphenyl-1-3-5-7-2-4-6-8-cyclotetrasiloxane.pdf>

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