

2,2,4,4-tetramethyl-6,6,8,8-tetraphenyl-[1,3,5,7,2,4,

Inchi: InChI=1S/C28H32O4Si4/c1-33(2)29-34(3,4)31-36(27-21-13-7-14-22-27,28-23-15-8-16-2
InchiKey: SOPXVWFVFREYPL-UHFFFAOYSA-N
Formula: C28H32O4Si4
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O1
Mol. weight [g/mol]: 544.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.65		Crippen Method
logp	3.983		Crippen Method
rinpol	2745.00		NIST Webbook
rinpol	2745.00		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=R254634&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/94-669-6/2-2-4-4-tetramethyl-6-6-8-8-tetraphenyl-1-3-5-7-2-4-6-8-cyclotetrasiloxane.pdf>

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