

2,2-dimethyl-4,4,6,6-tetraphenyl-[1,3,5,2,4,6]cyclotri-

Inchi: InChI=1S/C26H26O3Si3/c1-30(2)27-31(23-15-7-3-8-16-23,24-17-9-4-10-18-24)29-32(28)
InchiKey: QLEMFNDSSPDDRW-UHFFFAOYSA-N
Formula: C26H26O3Si3
SMILES: C[Si]1(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O1
Mol. weight [g/mol]: 470.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.09		Crippen Method
logp	3.265		Crippen Method
rinpol	2720.00		NIST Webbook
rinpol	2720.00		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=R254738&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/119-456-4/2-2-dimethyl-4-4-6-6-tetraphenyl-1-3-5-2-4-6-cyclotrisiloxane.pdf>

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