

2-methyl-2,4,4,6,6-pentaphenyl-[1,3,5,2,4,6]cyclotr

Inchi: InChI=1S/C31H28O3Si3/c1-35(27-17-7-2-8-18-27)32-36(28-19-9-3-10-20-28,29-21-11-4
InchiKey: GYQOOZBMYPMZJS-UHFFFAOYSA-N
Formula: C31H28O3Si3
SMILES: C[Si]1(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O1
Mol. weight [g/mol]: 532.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-21.26		Crippen Method
logp	3.542		Crippen Method
rinpol	3190.00		NIST Webbook
rinpol	3190.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254936&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/59-013-2/2-methyl-2-4-4-6-6-pentaphenyl-1-3-5-2-4-6-cyclotrisiloxane.pdf>

Generated by Cheméo on 2024-04-26 09:52:48.050184668 +0000 UTC m=+16414416.970761979.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.