

2,2,4,6,8-pentamethyl-4,6,8-triphenyl-[1,3,5,7,2,4,6,8]cyclotetrasiloxane

Inchi: InChI=1S/C23H30O4Si4/c1-28(2)24-29(3,21-15-9-6-10-16-21)26-31(5,23-19-13-8-14-20)
InchiKey: YUXFWUGNPZLEJN-UHFFFAOYSA-N
Formula: C23H30O4Si4
SMILES: C[Si]1(C)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O1
Mol. weight [g/mol]: 482.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.47		Crippen Method
logp	3.706		Crippen Method
rinpol	2317.00		NIST Webbook
rinpol	2317.00		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=R254689&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/88-710-6/2-2-4-6-8-pentamethyl-4-6-8-triphenyl-1-3-5-7-2-4-6-8-cyclotetrasiloxane.pdf>

Generated by Cheméo on 2024-05-02 19:54:32.597093764 +0000 UTC m=+16968921.517671076.

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