

2,2,4,4,6-Pentamethyl-6-phenyl-[1,3,5,2,4,6]cyclotrisiloxane

Inchi: InChI=1S/C11H20O3Si3/c1-15(2)12-16(3,4)14-17(5,13-15)11-9-7-6-8-10-11/h6-10H,1-5H
InchiKey: JITAAWJDVCUJPO-UHFFFAOYSA-N
Formula: C₁₁H₂₀O₃Si₃
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(c2ccccc2)O1
Mol. weight [g/mol]: 284.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	2.433		Crippen Method
rinpol	1299.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254614&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/15-991-5/2-2-4-4-6-Pentamethyl-6-phenyl-1-3-5-2-4-6-cyclotrisiloxane.pdf>

Generated by Cheméo on 2024-05-02 20:15:17.255913357 +0000 UTC m=+16970166.176490668.

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