

2,4-dimethyl-2,4,6,6,8,8-hexaphenyl-[1,3,5,7,2,4,6,8]

Inchi: InChI=1S/C38H36O4Si4/c1-43(33-21-9-3-10-22-33)39-44(2,34-23-11-4-12-24-34)41-46(
InchiKey: KPZWLYFLZZABIG-UHFFFAOYSA-N
Formula: C38H36O4Si4
SMILES: C[Si]1(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)
Mol. weight [g/mol]: 669.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-25.00		Crippen Method
logp	4.538		Crippen Method
rinpol	3663.00		NIST Webbook
rinpol	3663.00		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=R254892&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/123-926-7/2-4-dimethyl-2-4-6-6-8-8-hexaphenyl-1-3-5-7-2-4-6-8-cyclotetrasiloxane.pdf>

Generated by Cheméo on 2024-04-28 00:59:26.075366142 +0000 UTC m=+16555214.995943453.

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