

1,7-Di(4-biphenyl)-2,2,4,4,6,6-hexamethyl-1,3,5,7-tetraoxa-2,4,6-trisilaheptane

Inchi: InChI=1S/C30H36O4Si3/c1-35(2,31-29-21-17-27(18-22-29)25-13-9-7-10-14-25)33-37(5,13-11-15)39-43
InchiKey: JDMXUSSCSDJNKK-UHFFFAOYSA-N
Formula: C30H36O4Si3
SMILES: C[Si](C)(Oc1ccc(-c2ccccc2)cc1)O[Si](C)(C)O[Si](C)(C)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 544.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.31		Crippen Method
logp	8.617		Crippen Method
rinpol	3517.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347501&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/116-926-5/1-7-Di-4-biphenyl-2-2-4-4-6-6-hexamethyl-1-3-5-7-tetraoxa-2-4-6-trisilahepta>

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