

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

**Inchi:** InChI=1S/C30H36O4Si3/c1-35(2,31-29-23-15-13-21-27(29)25-17-9-7-10-18-25)33-37(5,31)39-35  
**InchiKey:** FSHNEBCTAFOOEW-UHFFFAOYSA-N  
**Formula:** C30H36O4Si3  
**SMILES:** C[Si](C)(Oc1ccccc1-c1ccccc1)O[Si](C)(C)O[Si](C)(C)Oc1ccccc1-c1ccccc1  
**Mol. weight [g/mol]:** 544.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.31		Crippen Method
logp	8.617		Crippen Method
rinpol	3086.00		NIST Webbook
rinpol	3086.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347356&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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