

# 2,2,4,6,8,10-hexamethyl-4,6,8,10-tetraphenyl-[1,3,5]

**Inchi:** InChI=1S/C30H38O5Si5/c1-36(2)31-37(3,27-19-11-7-12-20-27)33-39(5,29-23-15-9-16-24)35-38(6,30-25-13-8-10-22)32-34(4,28-20-14-17-18)36-39(5,29-23-15-9-16-24)35-38(6,30-25-13-8-10-22)32-34(4,28-20-14-17-18)  
**InchiKey:** SZQIREFZQRBBGP-UHFFFAOYSA-N  
**Formula:** C30H38O5Si5  
**SMILES:** C[Si]1(C)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O1  
**Mol. weight [g/mol]:** 619.05

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.20		Crippen Method
logp	4.702		Crippen Method
rinpol	2898.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254669&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

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