

# 2,4-dimethyl-2,4,6,6-tetraphenyl-[1,3,5,2,4,6]cyclotrisiloxane

**Inchi:** InChI=1S/C26H26O3Si3/c1-30(23-15-7-3-8-16-23)27-31(2,24-17-9-4-10-18-24)29-32(28)  
**InchiKey:** PYQVZGFHUSEINY-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>26</sub>O<sub>3</sub>Si<sub>3</sub>  
**SMILES:** C[Si]1(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O1  
**Mol. weight [g/mol]:** 470.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.09		Crippen Method
logp	3.265		Crippen Method
rincpol	2712.00		NIST Webbook
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## 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=R254901&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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