

# 2,4,6-tridiphenyl-1,3,5,2,4,6-cyclotrisiloxane

**Inchi:** InChI=1S/C18H18O3Si3/c1-4-10-16(11-5-1)22-19-23(17-12-6-2-7-13-17)21-24(20-22)18  
**InchiKey:** NXJQTYOZFVTCEM-UHFFFAOYSA-N  
**Formula:** C18H18O3Si3  
**SMILES:** c1ccc([SiH]2O[SiH](c3ccccc3)O[SiH](c3ccccc3)O2)cc1  
**Mol. weight [g/mol]:** 366.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.00		Crippen Method
logp	0.433		Crippen Method
rinpol	3621.00		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=R254827&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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