

# 2,2,4,4,6,6,8,8,10,10-decamethyl-12,12-diphenyl-[1

**Inchi:** InChI=1S/C22H40O6Si6/c1-29(2)23-30(3,4)25-32(7,8)27-34(21-17-13-11-14-18-21,22-19)  
**InchiKey:** MMJUWTOXMCTOEI-UHFFFAOYSA-N  
**Formula:** C22H40O6Si6  
**SMILES:** C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](C)(C)O[Si](C)(C)O1  
**Mol. weight [g/mol]:** 569.06

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	4.865		Crippen Method
rinsol	2181.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254441&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  
**rinsol:** Non-polar retention indices

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