

# 2,2,4,4,6,6,8,8,10,10,12,12,13-tridecamethyl-14-phenyl-1,1,1,3,3,3,5,5,5,7,7,7,9,9,9,11,11,11,13,13,13-tridecamethyl-14-phenylsiloxane

**Inchi:** InChI=1S/C19H44O7Si7/c1-27(2)20-28(3,4)22-30(7,8)24-32(11,12)26-33(13,19-17-15-14)  
**InchiKey:** KBCCMWUDBCJFQU-UHFFFAOYSA-N  
**Formula:** C19H44O7Si7  
**SMILES:** C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(c2ccccc2)O[Si](C)(C)O[Si](C)(C)O1  
**Mol. weight [g/mol]:** 581.15

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.21		Crippen Method
logp	5.306		Crippen Method
rinpol	1961.00		NIST Webbook
rinpol	1961.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R254372&Units=SI>

## Legend

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

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