# 2,2,4,4,6,6,8-Heptamethyl-8-phenyl-[1,3,5,7,2,4,6,8]cyclotetrasiloxane

**Inchi:** InChI=1S/C13H26O4Si4/c1-18(2)14-19(3,4)16-21(7,17-20(5,6)15-18)13-11-9-8-10-12-13

**InchiKey:** NSLNFHKUIKHPGY-UHFFFAOYSA-N

**Formula:** C13H26O4Si4

**SMILES:** C[Si]1(C)O[Si](C)(C)O[Si](C)(c2ccccc2)O[Si](C)(C)O1

**Mol. weight [g/mol]:** 358.69

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 0.88 | | Crippen Method |
| logp | 3.151 | | Crippen Method |
| rinpol | 1451.00 | | NIST Webbook |
| rinpol | 1451.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R254510&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices