# 2,4-dimethyl-2,4,6,6,8,8-hexaphenyl-[1,3,5,7,2,4,6,8

**Inchi:** InChI=1S/C38H36O4Si4/c1-43(33-21-9-3-10-22-33)39-44(2,34-23-11-4-12-24-34)41-46(

**InchiKey:** KPZWLYFLZZABIG-UHFFFAOYSA-N

**Formula:** C38H36O4Si4

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

**Mol. weight [g/mol]:** 669.03

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -25.00 | | Crippen Method |
| logp | 4.538 | | Crippen Method |
| rinpol | 3663.00 | | NIST Webbook |
| rinpol | 3663.00 | | 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=R254892&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices