# 1,3,5,7,9,11,13,15-Octabutylpentacyclo[13.1.1.13,5

**Other names:** 1,3,5,7,9,11,13,15-Octabutylpentacyclo[13.1.1.1<3,5>.1<7,9>.1<11,13>]octasiloxane
**Inchi:** InChI=1S/C32H72O12Si8/c1-9-17-25-45-33-46(34-45,26-18-10-2)42-49(29-21-13-5)37-5
**InchiKey:** UNXGILMILMWKHW-UHFFFAOYSA-N
**Formula:** C32H72O12Si8
**SMILES:** CCCC[Si]12O[Si](CCCC)(O1)O[Si]1(CCCC)O[Si](CCCC)(O1)O[Si]1(CCCC)O[Si](CCCC)
**Mol. weight [g/mol]:** 873.59

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 4.54 | | Crippen Method |
| logp | 10.166 | | Crippen Method |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=B6001139&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient