# Cyclohentriacontasiloxane, dohexacontamethyl

**Inchi:** InChI=1S/C62H186O31Si31/c1-94(2)63-95(3,4)65-97(7,8)67-99(11,12)69-101(15,16)71-

**InchiKey:** PDJVIHMKDUQOBY-UHFFFAOYSA-N

**Formula:** C62H186O31Si31

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

**Mol. weight [g/mol]:** 2298.77

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 45.00 | | Crippen Method |
| logp | 22.270 | | Crippen Method |
| rinpol | 4887.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R55252&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

**rinpol:** Non-polar retention indices

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