

# Cyclooctadecasiloxane, hexatriacontamethyl

**Inchi:** InChI=1S/C36H108O18Si18/c1-55(2)37-56(3,4)39-58(7,8)41-60(11,12)43-62(15,16)45-6  
**InchiKey:** FZWBYDHCNDGMTB-UHFFFAOYSA-N  
**Formula:** C36H108O18Si18  
**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[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)  
**Mol. weight [g/mol]:** 1334.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	26.25		Crippen Method
logp	12.931		Crippen Method
rinpol	3216.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R55355&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/50-662-1/Cyclooctadecasiloxane-hexatriacontamethyl.pdf>

Generated by Cheméo on 2024-04-26 16:33:31.631639372 +0000 UTC m=+16438460.552216687.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.