

# Cyclopentadienyl pentamethyl disiloxane

**Inchi:** InChI=1S/C10H20OSi2/c1-12(2,3)11-13(4,5)10-8-6-7-9-10/h6-10H,1-5H3  
**InchiKey:** LGZRXJCBFJMAPA-UHFFFAOYSA-N  
**Formula:** C10H20OSi2  
**SMILES:** C[Si](C)(C)O[Si](C)(C)C1C=CC=C1  
**Mol. weight [g/mol]:** 212.44  
**CAS:** 119415-97-3

## Physical Properties

| Property code | Value | Unit | Source         |
|---------------|-------|------|----------------|
| log10ws       | 1.20  |      | Crippen Method |
| logp          | 3.539 |      | Crippen Method |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C119415973&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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