

# 1,3-Disiloxane, 1,3-dimethyl, 1,3-bis-(chloromethyl), 1,3-bis-(2-chloroethyl)

**Inchi:** InChI=1S/C8H18Cl4OSi2/c1-14(7-11,5-3-9)13-15(2,8-12)6-4-10/h3-8H2,1-2H3  
**InchiKey:** BBSCOQBEEEDCWAT-UHFFFAOYSA-N  
**Formula:** C8H18Cl4OSi2  
**SMILES:** C[Si](CCl)(CCCl)O[Si](C)(CCl)CCCl  
**Mol. weight [g/mol]:** 328.21

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.85    |      | Crippen Method |
| logp          | 4.187   |      | Crippen Method |
| rinpol        | 1590.00 |      | NIST Webbook   |
| rinpol        | 1590.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R311465&Units=SI>

## Legend

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

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