

# 12,12-Dimethyl-5,8,11,13,16,19-hexaoxa-12-silatric

**Inchi:** InChI=1S/C18H40O6Si/c1-5-7-9-19-11-13-21-15-17-23-25(3,4)24-18-16-22-14-12-20-10  
**InchiKey:** NVVSWMJMUBAXKA-UHFFFAOYSA-N  
**Formula:** C18H40O6Si  
**SMILES:** CCCCOCCOCCO[Si](C)(C)OCCOCCOCCOCC  
**Mol. weight [g/mol]:** 380.59

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -0.51   |      | Crippen Method |
| logp          | 3.388   |      | Crippen Method |
| rinpol        | 2149.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375909&Units=SI>  
**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)

## Legend

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

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