

# Silane, dimethoxy-, dipropoxy-

**Inchi:** InChI=1S/C8H20O4Si/c1-5-7-11-13(9-3,10-4)12-8-6-2/h5-8H2,1-4H3  
**InchiKey:** HOXUFWMHAIJENN-UHFFFAOYSA-N  
**Formula:** C8H20O4Si  
**SMILES:** CCCO[Si](OC)(OC)OCCC  
**Mol. weight [g/mol]:** 208.33

## Physical Properties

| Property code | Value  | Unit | Source         |
|---------------|--------|------|----------------|
| log10ws       | 0.68   |      | Crippen Method |
| logp          | 1.568  |      | Crippen Method |
| rinpol        | 934.00 |      | NIST Webbook   |
| rinpol        | 938.20 |      | NIST Webbook   |
| rinpol        | 934.00 |      | NIST Webbook   |
| rinpol        | 934.00 |      | NIST Webbook   |

## Sources

**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=R138260&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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.chemeo.com/cid/34-491-9/Silane-dimethoxy-dipropoxy.pdf>

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