

# Silane, diethoxy-, butyloxy-, hexyloxy-

**Inchi:** InChI=1S/C14H32O4Si/c1-5-9-11-12-14-18-19(15-7-3,16-8-4)17-13-10-6-2/h5-14H2,1-4H1  
**InchiKey:** NGIDIZHBEGBPRQ-UHFFFAOYSA-N  
**Formula:** C14H32O4Si  
**SMILES:** CCCCCO[Si](OCC)(OCC)OCCCC  
**Mol. weight [g/mol]:** 292.49

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.83   |      | Crippen Method |
| logp          | 3.909   |      | Crippen Method |
| rinpol        | 1358.00 |      | NIST Webbook   |
| rinpol        | 1358.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138399&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

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