

# Silane, dimethylisobutoxyheptyloxy-

**Inchi:** InChI=1S/C13H30O2Si/c1-6-7-8-9-10-11-14-16(4,5)15-12-13(2)3/h13H,6-12H2,1-5H3  
**InchiKey:** BPBBKPRJBDLBFB-UHFFFAOYSA-N  
**Formula:** C13H30O2Si  
**SMILES:** CCCCCCO[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 246.46

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.83   |      | Crippen Method |
| logp          | 4.348   |      | Crippen Method |
| rinpol        | 1335.00 |      | NIST Webbook   |
| rinpol        | 1335.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346766&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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