

# Silane, diethylbutoxy(2-ethylhexyloxy)-

**Inchi:** InChI=1S/C16H36O2Si/c1-6-11-13-16(8-3)15-18-19(9-4,10-5)17-14-12-7-2/h16H,6-15H2  
**InchiKey:** YIPTVSPHJRJRKK-UHFFFAOYSA-N  
**Formula:** C16H36O2Si  
**SMILES:** CCCCCO[Si](CC)(CC)OCC(CC)CCCC  
**Mol. weight [g/mol]:** 288.54

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.09   |      | Crippen Method |
| logp          | 5.518   |      | Crippen Method |
| rinpol        | 1560.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U363047&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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<https://www.chemeo.com/cid/31-455-2/Silane-diethylbutoxy-2-ethylhexyloxy.pdf>

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