

# Silane, diethylbutoxyisobutoxy-

**Inchi:** InChI=1S/C12H28O2Si/c1-6-9-10-13-15(7-2,8-3)14-11-12(4)5/h12H,6-11H2,1-5H3  
**InchiKey:** UMWIJTJMHXCHRI-UHFFFAOYSA-N  
**Formula:** C12H28O2Si  
**SMILES:** CCCCCO[Si](CC)(CC)OCC(C)C  
**Mol. weight [g/mol]:** 232.44

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.41   |      | Crippen Method |
| logp          | 3.958   |      | Crippen Method |
| rinpol        | 1239.00 |      | 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=U363059&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/49-006-1/Silane-diethylbutoxyisobutoxy.pdf>

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