

# Silane, dimethyl(dimethylisobutoxysilyloxy)isobutoxy-

**Inchi:** InChI=1S/C12H30O3Si2/c1-11(2)9-13-16(5,6)15-17(7,8)14-10-12(3)4/h11-12H,9-10H2,1  
**InchiKey:** JYAXUVXWGAMUPG-UHFFFAOYSA-N  
**Formula:** C12H30O3Si2  
**SMILES:** CC(C)CO[Si](C)(C)O[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 278.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.11		Crippen Method
logp	3.752		Crippen Method
rinpol	1158.00		NIST Webbook
rinpol	1158.00		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=U346757&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/124-863-6/Silane-dimethyl-dimethylisobutoxysilyloxy-isobutoxy.pdf>

Generated by Cheméo on 2024-05-05 18:47:18.494916644 +0000 UTC m=+17224087.415493956.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.