

# Silane, diethyl(3-methylbutoxy)pentyl-oxo-

**Inchi:** InChI=1S/C14H32O2Si/c1-6-9-10-12-15-17(7-2,8-3)16-13-11-14(4)5/h14H,6-13H2,1-5H3  
**InchiKey:** DFBVOTGHPQHPJC-UHFFFAOYSA-N  
**Formula:** C14H32O2Si  
**SMILES:** CCCCCO[Si](CC)(CC)OCCC(C)C  
**Mol. weight [g/mol]:** 260.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	4.738		Crippen Method
rinpol	1418.00		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=U362994&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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