

# Silane, diethyl(2-ethylbutoxy)heptyloxy-

**Inchi:** InChI=1S/C17H38O2Si/c1-6-11-12-13-14-15-18-20(9-4,10-5)19-16-17(7-2)8-3/h17H,6-16H2  
**InchiKey:** BIRPVLBHAYMISU-UHFFFAOYSA-N  
**Formula:** C17H38O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCC(CC)CC  
**Mol. weight [g/mol]:** 302.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	5.908		Crippen Method
rinpol	1686.00		NIST Webbook
rinpol	1686.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363427&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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