

# Silane, dimethyl(dimethyl(2-ethylbutoxy)silyloxy)dodecyl

**Inchi:** InChI=1S/C22H50O3Si2/c1-8-11-12-13-14-15-16-17-18-19-20-23-26(4,5)25-27(6,7)24-2  
**InchiKey:** PXZPYQORQJWNJJ-UHFFFAOYSA-N  
**Formula:** C22H50O3Si2  
**SMILES:** CCCCCCCCCCCCOSi(C)(C)OSi(C)(C)OCC(CC)CC  
**Mol. weight [g/mol]:** 418.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	7.797		Crippen Method
rinsol	2119.00		NIST Webbook
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## 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=U347592&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  
**rinsol:** Non-polar retention indices

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