

# Silane, dimethyl(tetrahydrofurfuryloxy)hexadecyloxy-

**Other names:** Silane, dimethyl(furfuryloxy)hexadecyloxy-  
**Inchi:** InChI=1S/C23H48O3Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-25-27(2,3)26-22-23-  
**InchiKey:** RFRJNGIWWILVCK-UHFFFAOYSA-N  
**Formula:** C23H48O3Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)OCC1CCCCO1  
**Mol. weight [g/mol]:** 400.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.35		Crippen Method
logp	7.382		Crippen Method
rinsol	2537.00		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=U347834&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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