

# Silane, dimethyl(tetrahydrofurfuryloxy)dodecyloxy-

**Other names:** Silane, dimethyl(furfuryloxy)dodecyloxy-  
**Inchi:** InChI=1S/C19H40O3Si/c1-4-5-6-7-8-9-10-11-12-13-17-21-23(2,3)22-18-19-15-14-16-20-  
**InchiKey:** MDOFUEACNLGWD-UHFFFAOYSA-N  
**Formula:** C19H40O3Si  
**SMILES:** CCCCCCCCCCCCCO[Si](C)(C)OCC1CCCO1  
**Mol. weight [g/mol]:** 344.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.68		Crippen Method
logp	5.821		Crippen Method
rinsol	2142.00		NIST Webbook
rinsol	2142.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U347832&Units=SI>

## Legend

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

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