

# Silane, dimethyl(2-octyloxy)decyloxy-

**Inchi:** InChI=1S/C20H44O2Si/c1-6-8-10-12-13-14-15-17-19-21-23(4,5)22-20(3)18-16-11-9-7-2/  
**InchiKey:** FGXXOTNIUSBCCY-UHFFFAOYSA-N  
**Formula:** C20H44O2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)OC(C)CCCCC  
**Mol. weight [g/mol]:** 344.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.11		Crippen Method
logp	7.221		Crippen Method
rinpol	1976.00		NIST Webbook
rinpol	1976.00		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=U346848&Units=SI>

## Legend

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

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<https://www.chemeo.com/cid/95-191-5/Silane-dimethyl-2-octyloxy-decyloxy.pdf>

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