

# Silane, dimethyldecyloxydecyloxy-

**Inchi:** InChI=1S/C22H48O2Si/c1-5-7-9-11-13-15-17-19-21-23-25(3,4)24-22-20-18-16-14-12-10  
**InchiKey:** VKIPJGMQWKXJJR-UHFFFAOYSA-N  
**Formula:** C22H48O2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)OC  
**Mol. weight [g/mol]:** 372.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	8.003		Crippen Method
rinpol	2241.00		NIST Webbook
rinpol	2206.70		NIST Webbook
rinpol	2211.50		NIST Webbook
rinpol	2241.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346925&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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