

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

**Inchi:** InChI=1S/C21H48O3Si2/c1-8-10-11-12-13-14-15-16-17-18-19-22-25(4,5)24-26(6,7)23-20  
**InchiKey:** UWCDURAGHLCRFT-UHFFFAOYSA-N  
**Formula:** C21H48O3Si2  
**SMILES:** CCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)CC  
**Mol. weight [g/mol]:** 404.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	7.407		Crippen Method
rinpol	2054.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347014&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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