

# Silane, diethyl(cis-4-methylcyclohexyloxy)decyloxy-

**Inchi:** InChI=1S/C21H44O2Si/c1-5-8-9-10-11-12-13-14-19-22-24(6-2,7-3)23-21-17-15-20(4)16-  
**InchiKey:** CQZLLZKZHDTJH-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>44</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCCCCO[Si](CC)(CC)OC1CCC(C)CC1  
**Mol. weight [g/mol]:** 356.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.19		Crippen Method
logp	7.221		Crippen Method
rinpol	2128.00		NIST Webbook
rinpol	2128.00		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=U363555&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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