

# Silane, diethylnonyloxy(trans-4-methylcyclohexyloxy)-

**Inchi:** InChI=1S/C20H42O2Si/c1-5-8-9-10-11-12-13-18-21-23(6-2,7-3)22-20-16-14-19(4)15-17-  
**InchiKey:** UDXINWAMAWRFMZ-UHFFFAOYSA-N  
**Formula:** C20H42O2Si  
**SMILES:** CCCCCCCCCO[Si](CC)(CC)OC1CCC(C)CC1  
**Mol. weight [g/mol]:** 342.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	6.831		Crippen Method
rinsol	2018.00		NIST Webbook
rinsol	2018.00		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=U363567&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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<https://www.chemeo.com/cid/95-711-7/Silane-diethylnonyloxy-trans-4-methylcyclohexyloxy.pdf>

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