

# Silane, diethyldecyloxy(3-heptyloxy)-

**Inchi:** InChI=1S/C21H46O2Si/c1-6-11-13-14-15-16-17-18-20-22-24(9-4,10-5)23-21(8-3)19-12-7  
**InchiKey:** YEOVDVPVKNKTLA-UHFFFAOYSA-N  
**Formula:** C21H46O2Si  
**SMILES:** CCCCCCCCCO[Si](CC)(CC)OC(CC)CCCC  
**Mol. weight [g/mol]:** 358.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.53		Crippen Method
logp	7.611		Crippen Method
rinpol	2033.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363469&Units=SI>  
**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)

## Legend

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

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