

# Silane, diethylpentyloxytridecyloxy-

**Inchi:** InChI=1S/C22H48O2Si/c1-5-9-11-12-13-14-15-16-17-18-20-22-24-25(7-3,8-4)23-21-19-1  
**InchiKey:** SQMITSBWNVHPBC-UHFFFAOYSA-N  
**Formula:** C22H48O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](CC)(CC)OCCCCC  
**Mol. weight [g/mol]:** 372.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	8.003		Crippen Method
rinsol	2218.00		NIST Webbook
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## 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=U363040&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/18-059-7/Silane-diethylpentyloxytridecyloxy.pdf>

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