

# Silane, diethyl(1-naphthoxy)tridecyloxy-

**Inchi:** InChI=1S/C27H44O2Si/c1-4-7-8-9-10-11-12-13-14-15-18-24-28-30(5-2,6-3)29-27-23-19-  
**InchiKey:** VHIJHGUECAALIJ-UHFFFAOYSA-N  
**Formula:** C27H44O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc2cccc12  
**Mol. weight [g/mol]:** 428.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.81		Crippen Method
logp	9.028		Crippen Method
rinpol	2953.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U363806&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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