

# Silane, diethyl(1-naphthoxy)undecyloxy-

**Inchi:** InChI=1S/C25H40O2Si/c1-4-7-8-9-10-11-12-13-16-22-26-28(5-2,6-3)27-25-21-17-19-23-24  
**InchiKey:** IGKVOEZWOOSANF-UHFFFAOYSA-N  
**Formula:** C25H40O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)Oc1cccc2ccccc12  
**Mol. weight [g/mol]:** 400.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.98		Crippen Method
logp	8.248		Crippen Method
rinpol	2733.00		NIST Webbook
rinpol	2733.00		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=U363804&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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<https://www.chemeo.com/cid/12-264-5/Silane-diethyl-1-naphthoxy-undecyloxy.pdf>

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