

# Silane, diethyldodecyloxyneopentyloxy-

**Inchi:** InChI=1S/C21H46O2Si/c1-7-10-11-12-13-14-15-16-17-18-19-22-24(8-2,9-3)23-20-21(4,5)  
**InchiKey:** LAPNAJDBKGBKS-UHFFFAOYSA-N  
**Formula:** C21H46O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OCC(C)(C)C  
**Mol. weight [g/mol]:** 358.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	7.469		Crippen Method
rinpol	2014.00		NIST Webbook
rinpol	2014.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363945&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

Latest version available from:

<https://www.chemeo.com/cid/59-297-8/Silane-diethyldodecyloxyneopentyloxy.pdf>

Generated by Cheméo on 2024-04-28 19:53:23.738454608 +0000 UTC m=+16623252.659031919.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.