

# Silane, diethyldodecyloxyoctyloxy-

**Inchi:** InChI=1S/C24H52O2Si/c1-5-9-11-13-15-16-17-18-20-22-24-26-27(7-3,8-4)25-23-21-19-1  
**InchiKey:** YIDUPYCTEHYMLH-UHFFFAOYSA-N  
**Formula:** C24H52O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OCCCCCCCC  
**Mol. weight [g/mol]:** 400.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.68		Crippen Method
logp	8.783		Crippen Method
rinpol	2391.00		NIST Webbook
rinpol	2391.00		NIST Webbook

## Sources

**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=U363082&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/68-438-1/Silane-diethyldodecyloxyoctyloxy.pdf>

Generated by Cheméo on 2025-05-14 23:44:47.961162171 +0000 UTC m=+2575333.461606406.

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