

# Silane, dimethyl(docosyloxy)ethoxy-

**Inchi:** InChI=1S/C26H56O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26  
**InchiKey:** ZXFYBZIKYVHMTR-UHFFFAOYSA-N  
**Formula:** C26H56O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)OCC  
**Mol. weight [g/mol]:** 428.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.51		Crippen Method
logp	9.563		Crippen Method
rinpol	2668.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U347859&Units=SI>

## 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.cheméo.com/cid/54-028-1/Silane-dimethyl-docosyloxy-ethoxy.pdf>

Generated by Cheméo on 2024-04-19 02:12:06.359129047 +0000 UTC m=+15781975.279706367.

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