

# Silane, dimethoxy, diamyloxy

**Inchi:** InChI=1S/C12H28O4Si/c1-5-7-9-11-15-17(13-3,14-4)16-12-10-8-6-2/h5-12H2,1-4H3  
**InchiKey:** WSARWOKHGSHTKO-UHFFFAOYSA-N  
**Formula:** C12H28O4Si  
**SMILES:** CCCCCO[Si](OC)(OC)OCCCCC  
**Mol. weight [g/mol]:** 264.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.99		Crippen Method
logp	3.128		Crippen Method
rinpol	1293.00		NIST Webbook
rinpol	1294.00		NIST Webbook
rinpol	1294.00		NIST Webbook
rinpol	1293.00		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=R138428&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/24-197-7/Silane-dimethoxy-diamyloxy.pdf>

Generated by Cheméo on 2024-04-20 13:04:31.893271127 +0000 UTC m=+15907520.813848443.

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