

# Silane, dimethyl(2-methoxyethoxy)heptyloxy-

**Inchi:** InChI=1S/C12H28O3Si/c1-5-6-7-8-9-10-14-16(3,4)15-12-11-13-2/h5-12H2,1-4H3  
**InchiKey:** HQHKMXIQVHUSND-UHFFFAOYSA-N  
**Formula:** C12H28O3Si  
**SMILES:** CCCCCCO[Si](C)(C)OCCOC  
**Mol. weight [g/mol]:** 248.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	3.338		Crippen Method
rinpol	1404.00		NIST Webbook
rinpol	1404.00		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=U347846&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/31-656-9/Silane-dimethyl-2-methoxyethoxy-heptyloxy.pdf>

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