

# Silane, diethoxy-, diamyloxy-

**Inchi:** InChI=1S/C14H32O4Si/c1-5-9-11-13-17-19(15-7-3,16-8-4)18-14-12-10-6-2/h5-14H2,1-4H1  
**InchiKey:** ZKBHFZNDLYJZBT-UHFFFAOYSA-N  
**Formula:** C14H32O4Si  
**SMILES:** CCCCCO[Si](OCC)(OCC)OCCCCC  
**Mol. weight [g/mol]:** 292.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	3.909		Crippen Method
rinpol	1356.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138408&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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