

# Silane, ethoxy-, butyloxy-, dihexyloxy-

**Inchi:** InChI=1S/C18H40O4Si/c1-5-9-12-14-17-21-23(19-8-4,20-16-11-7-3)22-18-15-13-10-6-2/  
**InchiKey:** SRRLJWODDKRQIJ-UHFFFAOYSA-N  
**Formula:** C18H40O4Si  
**SMILES:** CCCCCCO[Si](OCC)(OCCCC)OCCCCC  
**Mol. weight [g/mol]:** 348.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	5.469		Crippen Method
rinpol	1688.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138517&Units=SI>  
**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)

## 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/46-489-9/Silane-ethoxy-butyloxy-dihexyloxy.pdf>

Generated by Cheméo on 2024-04-26 16:01:08.56132205 +0000 UTC m=+16436517.481899362.

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