

# Silane, diethyl(4-heptyloxy)undecyloxy-

**Inchi:** InChI=1S/C22H48O2Si/c1-6-11-12-13-14-15-16-17-18-21-23-25(9-4,10-5)24-22(19-7-2)2  
**InchiKey:** JMPRXPPSWBRGEA-UHFFFAOYSA-N  
**Formula:** C22H48O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCC  
**Mol. weight [g/mol]:** 372.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.95		Crippen Method
logp	8.001		Crippen Method
rinpol	2107.00		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=U363715&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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