

# Silane, diethyl(3-methylpentyloxy)undecyloxy-

**Inchi:** InChI=1S/C21H46O2Si/c1-6-10-11-12-13-14-15-16-17-19-22-24(8-3,9-4)23-20-18-21(5)7  
**InchiKey:** YNUCXEGTLVDINE-UHFFFAOYSA-N  
**Formula:** C21H46O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OCCC(C)CC  
**Mol. weight [g/mol]:** 358.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	7.469		Crippen Method
rinpol	2088.00		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=U363491&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/60-809-7/Silane-diethyl-3-methylpentyloxy-undecyloxy.pdf>

Generated by Cheméo on 2025-12-05 12:36:14.827364286 +0000 UTC m=+4686372.357404955.

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