

# Silane, dimethyl(dec-4-enyloxy)octyloxy-

**Inchi:** InChI=1S/C20H42O2Si/c1-5-7-9-11-13-14-16-18-20-22-23(3,4)21-19-17-15-12-10-8-6-2/  
**InchiKey:** CVMLLOCRHSNVRI-BUHFOSPRSA-N  
**Formula:** C20H42O2Si  
**SMILES:** CCCCCC=CCCCO[Si](C)(C)OCCCCCCCC  
**Mol. weight [g/mol]:** 342.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.86		Crippen Method
logp	6.999		Crippen Method
rinpol	2024.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U348012&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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