

# Silane, dimethyl(dimethyloctyloxysilyloxy)octyloxy-

**Inchi:** InChI=1S/C20H46O3Si2/c1-7-9-11-13-15-17-19-21-24(3,4)23-25(5,6)22-20-18-16-14-12  
**InchiKey:** WJORJNHKDXHLAL-UHFFFAOYSA-N  
**Formula:** C20H46O3Si2  
**SMILES:** CCCCCCCC[Si](C)(C)O[Si](C)(C)OCCCCCCC  
**Mol. weight [g/mol]:** 390.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	7.161		Crippen Method
rinpol	1990.00		NIST Webbook
rinpol	1990.00		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=U346735&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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