

# Silane, dimethyl(dimethylpentylloxysilyloxy)heptadecyloxy

**Inchi:** InChI=1S/C26H58O3Si2/c1-7-9-11-12-13-14-15-16-17-18-19-20-21-22-24-26-28-31(5,6)  
**InchiKey:** BYNHRJXEHI AZOW-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>58</sub>O<sub>3</sub>Si<sub>2</sub>  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 474.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.23		Crippen Method
logp	9.501		Crippen Method
rinpol	2557.00		NIST Webbook
rinpol	2557.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346819&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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