

# Silane, diethylisobutoxyoctadecyloxy-

**Inchi:** InChI=1S/C26H56O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-29(7-  
**InchiKey:** PRHFBTVERJEONR-UHFFFAOYSA-N  
**Formula:** C26H56O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)C  
**Mol. weight [g/mol]:** 428.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.27		Crippen Method
logp	9.419		Crippen Method
rinpol	2580.00		NIST Webbook
rinpol	2580.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363070&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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