

# Silane, diethylhexadecyloxy(pentafluorobenzyloxy)-

**Inchi:** InChI=1S/C27H45F5O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-33-35(5-2,6-3)3  
**InchiKey:** MFTYJNSCKLFJDB-UHFFFAOYSA-N  
**Formula:** C27H45F5O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](CC)(CC)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 524.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.19		Crippen Method
logp	9.879		Crippen Method
rinpol	2669.00		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=U363231&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

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<https://www.chemeo.com/cid/10-065-8/Silane-diethylhexadecyloxy-pentafluorobenzyloxy.pdf>

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