

# Silane, dimethyl(2,2,3,3,4,4,5,5-octafluoropentyloxy)nonyloxy

<b>Inchi:</b>	InChI=1S/C16H28F8O2Si/c1-4-5-6-7-8-9-10-11-25-27(2,3)26-12-14(19,20)16(23,24)15(2)
<b>InchiKey:</b>	YTMVWKPSUUIRPN-UHFFFAOYSA-N
<b>Formula:</b>	C16H28F8O2Si
<b>SMILES:</b>	CCCCCCCCCO[Si](C)(C)OCC(F)(F)C(F)(F)C(F)(F)C(F)F
<b>Mol. weight [g/mol]:</b>	432.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.58		Crippen Method
logp	6.643		Crippen Method
rinpol	1447.00		NIST Webbook
rinpol	1447.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347840&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347840&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

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

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