

# Dimethyl(pentafluorophenyl)silyloxyethane

<b>Other names:</b>	Ethanol DMPFPS Ethanol, FP
<b>Inchi:</b>	InChI=1S/C10H11F5OSi/c1-4-16-17(2,3)10-8(14)6(12)5(11)7(13)9(10)15/h4H2,1-3H3
<b>InchiKey:</b>	HOENFMGYUBYVDH-UHFFFAOYSA-N
<b>Formula:</b>	C10H11F5OSi
<b>SMILES:</b>	CCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
<b>Mol. weight [g/mol]:</b>	270.27
<b>CAS:</b>	71338-73-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.89		Crippen Method
logp	2.831		Crippen Method
rinpol	1065.00		NIST Webbook
rinpol	1065.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<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=C71338733&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338733&amp;Units=SI</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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