

# 1-Dimethyl(pentafluorophenyl)silyloxypropane

<b>Other names:</b>	1-Propanol DMPFPS 1-Propanol, FP
<b>Inchi:</b>	InChI=1S/C11H13F5OSi/c1-4-5-17-18(2,3)11-9(15)7(13)6(12)8(14)10(11)16/h4-5H2,1-3
<b>InchiKey:</b>	GILOEPIHADKBNZ-UHFFFAOYSA-N
<b>Formula:</b>	C11H13F5OSi
<b>SMILES:</b>	CCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
<b>Mol. weight [g/mol]:</b>	284.30
<b>CAS:</b>	71338-89-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.31		Crippen Method
logp	3.221		Crippen Method

## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338891&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338891&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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