

2-Dimethyl(pentafluorophenyl)silyloxypropane

Other names:	2-Propanol DMPFPS 2-Propanol, FP
Inchi:	InChI=1S/C11H13F5OSi/c1-5(2)17-18(3,4)11-9(15)7(13)6(12)8(14)10(11)16/h5H,1-4H3
InchiKey:	JXRAWRJBSKAKSF-UHFFFAOYSA-N
Formula:	C11H13F5OSi
SMILES:	CC(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	284.30
CAS:	71338-74-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.42		Crippen Method
logp	3.219		Crippen Method
rinpol	1140.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338744&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

Latest version available from:

<https://www.chemeo.com/cid/19-574-4/2-Dimethyl-pentafluorophenyl-silyloxypropane.pdf>

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