

1-Dimethyl(pentafluorophenyl)silyloxypropane

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

Physical Properties

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

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338891&Units=SI

Legend

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

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<https://www.cheméo.com/cid/91-118-0/1-Dimethyl-pentafluorophenyl-silyloxypropane.pdf>

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