2-Dimethyl(pentafluorophenyl)silyloxypentane

Other names:	Silane, dimethyl(1-methylbutoxy)(pentafluorophenyl)- Pentan-2-ol, dimethylpentafluorophenylsilyl ether 2-Pentanol, FP
Inchi:	InChI=1S/C13H17F5OSi/c1-5-6-7(2)19-20(3,4)13-11(17)9(15)8(14)10(16)12(13)18/h7H,5
InchiKey:	XXLHQAJLEHHFPJ-UHFFFAOYSA-N
Formula:	C13H17F5OSi
SMILES:	CCCC(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	312.35
CAS:	73000-04-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.25		Crippen Method
logp	3.999		Crippen Method
rinpol	1308.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C73000041&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.