1-Dimethyl(pentafluorophenyl)silyloxybutane

Other names:	Benzene, 1-(butoxydimethylsilyl)-2,3,4,5,6-pentafluoro-
	1-Butanol, FP
	1-Butanol DMPFPS
Inchi:	InChI=1S/C12H15F5OSi/c1-4-5-6-18-19(2,3)12-10(16)8(14)7(13)9(15)11(12)17/h4-6H2,1
InchiKey:	LNSUTIGYNISUEC-UHFFFAOYSA-N
Formula:	C12H15F5OSi
SMILES:	CCCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	298.32
CAS:	62394-61-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.72		Crippen Method
logp	3.611		Crippen Method
rinpol	1230.00		NIST Webbook
rinpol	1230.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C62394610&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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