2-Dimethyl(pentafluorophenyl)silyloxybutane

Other names:	Benzene, 1-[dimethyl(1-methylpropoxy)silyl]-2,3,4,5,6-pentafluoro- 2-Butanol DMPFPS 2-Butanol, FP
Inchi:	InChI=1S/C12H15F5OSi/c1-5-6(2)18-19(3,4)12-10(16)8(14)7(13)9(15)11(12)17/h6H,5H2
InchiKey:	CIZYHNJYZDXRSO-UHFFFAOYSA-N
Formula:	C12H15F5OSi
SMILES:	CCC(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	298.32
CAS:	62394-62-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.84		Crippen Method
logp	3.609		Crippen Method
rinpol	1235.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C62394621&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.