Dimethyl(pentafluorophenyl)silyloxymethylbenze

Other names:	Benzenemethanol DMPFPS
	Benzenemethanol, FP
Inchi:	InChI=1S/C15H13F5OSi/c1-22(2,21-8-9-6-4-3-5-7-9)15-13(19)11(17)10(16)12(18)14(15)
InchiKey:	PUJFMMQJFLXFTF-UHFFFAOYSA-N
Formula:	C15H13F5OSi
SMILES:	C[Si](C)(OCc1ccccc1)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	332.34
CAS:	71338-90-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.58		Crippen Method
logp	4.011		Crippen Method
rinpol	1520.00		NIST Webbook
rinpol	1520.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C71338904&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.