

Bis(pentafluorophenyl)dimethylsilane

Inchi:	InChI=1S/C14H6F10Si/c1-25(2,13-9(21)5(17)3(15)6(18)10(13)22)14-11(23)7(19)4(16)8(
InchiKey:	PMUJBDOVBQRNLP-UHFFFAOYSA-N
Formula:	C14H6F10Si
SMILES:	C[Si](C)(c1c(F)c(F)c(F)c(F)c1F)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	392.27
CAS:	10536-62-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.63		Crippen Method
logp	3.900		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10536626&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/82-467-3/Bis-pentafluorophenyl-dimethylsilane.pdf>

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