

Silane, methoxydimethyl(pentafluorophenyl)-

Other names:	Methoxy(dimethyl)(2,3,4,5,6-pentafluorophenyl)silane Benzene, 1,2,3,4,5-pentafluoro-6-(methoxydimethylsilyl)- Methanol, FP Methanol DNPFP
Inchi:	InChI=1S/C9H9F5OSi/c1-15-16(2,3)9-7(13)5(11)4(10)6(12)8(9)14/h1-3H3
InchiKey:	CEEVCOGSFYACND-UHFFFAOYSA-N
Formula:	C9H9F5OSi
SMILES:	CO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	256.24
CAS:	23761-74-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	2.441		Crippen Method
rinpol	1000.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C23761742&Units=SI

Legend

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

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<https://www.chemeo.com/cid/26-106-5/Silane-methoxydimethyl-pentafluorophenyl.pdf>

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