Silanamine, 1,1,1-trimethyl-N-(pentafluorophenyl)-

Inchi: InChI=1S/C9H10F5NSi/c1-16(2,3)15-9-7(13)5(11)4(10)6(12)8(9)14/h15H,1-3H3
InchiKey: KWEFNENVOXDWHP-UHFFFAOYSA-N
Formula: C9H10F5NSi
SMILES: C[Si](C)(C)Nc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 255.26
CAS: 22529-97-1

Physical Properties

Property code	Value	Unit	Source
ie	8.90	eV	NIST Webbook
log10ws	-2.03		Crippen Method
logp	3.629		Crippen Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C22529971&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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