

F(CH₃)Si=CH₂

Inchi:	InChI=1S/C2H5FSi/c1-4(2)3/h1H2,2H3
InchiKey:	BXYUDSGZQDXZFU-UHFFFAOYSA-N
Formula:	C ₂ H ₅ FSi
SMILES:	C=[Si](C)F
Mol. weight [g/mol]:	76.14
CAS:	125413-85-6

Physical Properties

Property code	Value	Unit	Source
affp	771.10	kJ/mol	NIST Webbook
basg	742.20	kJ/mol	NIST Webbook
log10ws	1.78		Crippen Method
logp	0.591		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C125413856&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

affp:	Proton affinity
basg:	Gas basicity
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/54-604-1/F-CH3-Si-CH2.pdf>

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