F2Si=CH2

Inchi: InChI=1S/CH2F2Si/c1-4(2)3/h1H2
InchiKey: LJBSQIWUFXXOOS-UHFFFAOYSA-N
Formula: CH2F2Si
SMILES: C=[Si](F)F
Mol. weight [g/mol]: 80.11
CAS: 51675-50-4

Physical Properties

Property code	Value	Unit	Source
affp	742.30	kJ/mol	NIST Webbook
basg	713.40	kJ/mol	NIST Webbook
log10ws	1.76		Crippen Method
logp	0.427		Crippen Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C51675504&Units=SI

Legend

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