4-F-C6H4-C(Si(CH3)3)=CH2

Inchi: InChI=1S/C11H15FSi/c1-9(13(2,3)4)10-5-7-11(12)8-6-10/h5-8H,1H2,2-4H3
InchiKey: TUDYAHUSTDLUFL-UHFFFAOYSA-N
Formula: C11H15FSi
SMILES: C=C(c1ccc(F)cc1)[Si](C)(C)C
Mol. weight [g/mol]: 194.32
CAS: 140843-92-1

Physical Properties

Property code	Value	Unit	Source
affp	858.00	kJ/mol	NIST Webbook
basg	829.10	kJ/mol	NIST Webbook
log10ws	-1.44		Crippen Method
logp	3.716		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=C140843921&Units=SI

Legend

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