Methylthiodifluoroborane

Inchi:	InChI=1S/CH3BF2S/c1-5-2(3)4/h1H3
InchiKey:	ZUTYHXLQAGSOLT-UHFFFAOYSA-N
Formula:	CH3BF2S
SMILES:	CSB(F)F
Mol. weight [g/mol]:	95.91
CAS:	381-60-2

Physical Properties

Property code	Value	Unit	Source
ie	10.59	eV	NIST Webbook
log10ws	0.92		Crippen Method
logp	1.273		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C381602&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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