

Fluoro-bis(methylthio)borane

Inchi:	InChI=1S/C2H6BFS2/c1-5-3(4)6-2/h1-2H3
InchiKey:	VLWVWVKODNTDDU-UHFFFAOYSA-N
Formula:	C2H6BFS2
SMILES:	CSB(F)SC
Mol. weight [g/mol]:	124.01
CAS:	29877-90-5

Physical Properties

Property code	Value	Unit	Source
ie	9.79	eV	NIST Webbook
log10ws	0.47		Crippen Method
logp	1.667		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C29877905&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/23-919-6/Fluoro-bis-methylthio-borane.pdf>

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