

Difluoroborane

Inchi:	InChI=1S/BF2H/c2-1-3/h1H
InchiKey:	LRZMJFRZMNWFKE-UHFFFAOYSA-N
Formula:	BF2H
SMILES:	FBF
Mol. weight [g/mol]:	49.82
CAS:	13709-83-6

Physical Properties

Property code	Value	Unit	Source
ie	13.60 ± 0.05	eV	NIST Webbook
log10ws	2.02		Crippen Method
logp	0.192		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13709836&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/70-000-3/Difluoroborane.pdf>

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