

# Ethylidifluoroborane

<b>Inchi:</b>	InChI=1S/C2H5BF2/c1-2-3(4)5/h2H2,1H3
<b>InchiKey:</b>	LYUQNYXHNCJGBN-UHFFFAOYSA-N
<b>Formula:</b>	C2H5BF2
<b>SMILES:</b>	CCB(F)F
<b>Mol. weight [g/mol]:</b>	77.87
<b>CAS:</b>	430-41-1

## Physical Properties

Property code	Value	Unit	Source
ie	11.80 ± 0.05	eV	NIST Webbook
ie	12.00 ± 0.20	eV	NIST Webbook
log10ws	0.97		Crippen Method
logp	1.433		Crippen Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C430411&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C430411&amp;Units=SI</a>

## Legend

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

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