

Methoxydifluoroborane

Inchi:	InChI=1S/CH3BF2O/c1-5-2(3)4/h1H3
InchiKey:	MMOYZEVQTUZRGG-UHFFFAOYSA-N
Formula:	CH3BF2O
SMILES:	COB(F)F
Mol. weight [g/mol]:	79.84
CAS:	381-59-9

Physical Properties

Property code	Value	Unit	Source
ie	11.97	eV	NIST Webbook
log10ws	1.72		Crippen Method
logp	0.557		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C381599&Units=SI

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/24-750-2/Methoxydifluoroborane.pdf>

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