

Fluorine anion

Inchi:	InChI=1S/FH/h1H/p-1
InchiKey:	KRHYYFGTRYWZRS-UHFFFAOYSA-M
Formula:	F-
SMILES:	[F-]
Mol. weight [g/mol]:	19.00
CAS:	16984-48-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	-2.996		Crippen Method
mcvol	10.480	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16984488&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/34-411-7/Fluorine-anion.pdf>

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