

fluorine anion

Inchi:	InChI=1S/FH/h1H/p-1
InchiKey:	KRHYYFGTRYWZRS-UHFFFAOYSA-M
Formula:	F ²⁻
SMILES:	[F-]
Mol. weight [g/mol]:	38.00

Physical Properties

Property code	Value	Unit	Source
hf	-291.00 ± 6.70	kJ/mol	NIST Webbook
logp	-2.996		Crippen Method
mcvol	10.480	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=B236&Units=SI>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

hf: Enthalpy of formation at standard conditions

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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