

Germanium monofluoride

Inchi:	InChI=1S/FGe/c1-2
InchiKey:	HHFCFXJTAZTLAO-UHFFFAOYSA-N
Formula:	FGe
SMILES:	F[Ge]
Mol. weight [g/mol]:	91.64
CAS:	14929-46-5

Physical Properties

Property code	Value	Unit	Source
ie	7.46	eV	NIST Webbook
ie	9.10 ± 0.20	eV	NIST Webbook
ie	7.28	eV	NIST Webbook
log10ws	2.17		Crippen Method
logp	0.039		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14929465&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/71-161-4/Germanium-monofluoride.pdf>

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