

Iron ion (1+)

Other names:	Iron cation
Inchi:	InChI=1S/Fe/q+1
InchiKey:	WZGNVVUXVXNNOX-UHFFFAOYSA-N
Formula:	Fe+
SMILES:	[Fe+]
Mol. weight [g/mol]:	55.84
CAS:	14067-02-8

Physical Properties

Property code	Value	Unit	Source
log10ws	1.28		Crippen Method
logp	-0.003		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14067028&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/29-722-8/Iron-ion-1.pdf>

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