Lithium ion (1+)

Other names:	Lithium cation
Inchi:	InChI=1S/Li/q+1
InchiKey:	HBBGRARXTFLTSG-UHFFFAOYSA-N
Formula:	Li+
SMILES:	[Li+]
Mol. weight [g/mol]:	6.94
CAS:	17341-24-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	-2.996		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=C17341241&Units=SI

Legend

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

Latest version available from:

https://www.chemeo.com/cid/67-667-8/Lithium-ion-1.pdf

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