

Silicon ion (1+)

Other names:	Silicon cation
Inchi:	InChI=1S/Si/q+1
InchiKey:	FSLGCYNKXXIWGJ-UHFFFAOYSA-N
Formula:	Si+
SMILES:	[Si+]
Mol. weight [g/mol]:	28.09
CAS:	14067-07-3

Physical Properties

Property code	Value	Unit	Source
log10ws	2.57		Crippen Method
logp	-0.381		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=C14067073&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/46-547-4/Silicon-ion-1.pdf>

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