

Lead ion (1+)

Other names:	Lead cation
Inchi:	InChI=1S/Pb/q+1
InchiKey:	OQWVGEZAIDNFMR-UHFFFAOYSA-N
Formula:	Pb+
SMILES:	[Pb+]
Mol. weight [g/mol]:	207.20
CAS:	14701-27-0

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.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14701270&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/59-517-3/Lead-ion-1.pdf>

Generated by Cheméo on 2024-09-12 09:16:38.258714495 +0000 UTC m=+713460.895683742.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.