

# Chromium ion (1+)

<b>Other names:</b>	Chromium cation
<b>Inchi:</b>	InChI=1S/Cr/q+1
<b>InchiKey:</b>	LCKHOIUMRVRUKY-UHFFFAOYSA-N
<b>Formula:</b>	Cr+
<b>SMILES:</b>	[Cr+]
<b>Mol. weight [g/mol]:</b>	52.00
<b>CAS:</b>	14067-03-9

## Physical Properties

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

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C14067039&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14067039&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/13-056-5/Chromium-ion-1.pdf>

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