

# Vanadium ion (1+)

<b>Other names:</b>	Vanadium cation
<b>Inchi:</b>	InChI=1S/V/q+1
<b>InchiKey:</b>	GNZKCLSXDUXHNG-UHFFFAOYSA-N
<b>Formula:</b>	V+
<b>SMILES:</b>	[V+]
<b>Mol. weight [g/mol]:</b>	50.94
<b>CAS:</b>	14782-33-3

## Physical Properties

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

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C14782333&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14782333&amp;Units=SI</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.chemeo.com/cid/16-820-3/Vanadium-ion-1.pdf>

Generated by Cheméo on 2024-05-15 03:20:28.466143834 +0000 UTC m=+18032477.386721156.

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