

# Strontium ion (1+)

|                             |                             |
|-----------------------------|-----------------------------|
| <b>Other names:</b>         | Strontium cation            |
| <b>Inchi:</b>               | InChI=1S/Sr/q+1             |
| <b>InchiKey:</b>            | QDEYBKUQZKVQLI-UHFFFAOYSA-N |
| <b>Formula:</b>             | Sr+                         |
| <b>SMILES:</b>              | [Sr+]                       |
| <b>Mol. weight [g/mol]:</b> | 87.62                       |
| <b>CAS:</b>                 | 14701-18-9                  |

## Physical Properties

| Property code | Value  | Unit | Source         |
|---------------|--------|------|----------------|
| log10ws       | 2.57   |      | Crippen Method |
| logp          | -0.381 |      | Crippen Method |

## Sources

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C14701189&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14701189&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 |

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