

Nitrogen anion

Inchi: InChI=1S/N/q-1
InchiKey: AODRJISUPXKQJP-UHFFFAOYSA-N
Formula: N-
SMILES: [N-]
Mol. weight [g/mol]: 14.01
CAS: 17778-87-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	0.289		Crippen Method
mcvol	14.390	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C17778879&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/37-147-8/Nitrogen-anion.pdf>

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