

Nitrogen cation

Inchi:	InChI=1S/N2/c1-2/q+1
InchiKey:	OCLMUTJUZGFVFC-UHFFFAOYSA-N
Formula:	N2+
SMILES:	N#[N+]
Mol. weight [g/mol]:	28.01
CAS:	13966-04-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.50		Crippen Method
logp	0.304		Crippen Method
mcvol	22.220	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C13966046&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/39-636-3/Nitrogen-cation.pdf>

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