

N-Aminopyrrolidine

Other names:	Pyrrolidine, 1-amino- 1-Pyrrolidinamine
Inchi:	InChI=1S/C4H10N2/c5-6-3-1-2-4-6/h1-5H2
InchiKey:	SBMSLRMNBSMKQC-UHFFFAOYSA-N
Formula:	C4H10N2
SMILES:	NN1CCCC1
Mol. weight [g/mol]:	86.14
CAS:	16596-41-1

Physical Properties

Property code	Value	Unit	Source
ie	8.68	eV	NIST Webbook
log10ws	-0.39		Crippen Method
logp	-0.044		Crippen Method
mcvol	76.320	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	302.00 ± 1.00	K	1.70	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16596411&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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