

N-Aminomorpholine

Other names:	4-Aminomorpholine 4-Morpholinamine Morpholine, 4-amino- morpholin-4-ylamine
Inchi:	InChI=1S/C4H10N2O/c5-6-1-3-7-4-2-6/h1-5H2
InchiKey:	MKQLBNJQQZRQJU-UHFFFAOYSA-N
Formula:	C4H10N2O
SMILES:	NN1CCOCC1
Mol. weight [g/mol]:	102.14
CAS:	4319-49-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.53		Crippen Method
logp	-0.808		Crippen Method
mcvol	82.190	ml/mol	McGowan Method
tb	441.20	K	NIST Webbook

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=C4319497&Units=SI

Legend

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

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