

3-Amino-2-chloropyridine

Other names:	3-Pyridinamine, 2-chloro-Pyridine, 2-chloro-3-amino-Pyridine, 3-amino-2-chloro-2-Chloro-3-aminopyridine 2-Chloro-3-pyridinamine 2-chloro-3-pyridylamine
Inchi:	InChI=1S/C5H5ClN2/c6-5-4(7)2-1-3-8-5/h1-3H,7H2
InchiKey:	MEQBJJUWDCYIAB-UHFFFAOYSA-N
Formula:	C5H5ClN2
SMILES:	<chem>Nc1cccnc1Cl</chem>
Mol. weight [g/mol]:	128.56
CAS:	6298-19-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.56		Crippen Method
logp	1.317		Crippen Method
mvol	89.750	ml/mol	McGowan Method
tf	353.00	K	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	405.20	K	1.70	NIST Webbook
tbrp	405.00 ± 2.00	K	1.70	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6298197&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure
tf:	Normal melting (fusion) point

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