

4-(Aminomethyl)pyridine

Other names:	4-Picolylamine (4-Pyridylmethyl)amine 4-Pyridinemethanamine Pyridine, 4-(aminomethyl)- 4-Picolinamine 4-Picolinylamine 4-Pyridinemethylamine 4-Pyridinylmethanamine NSC 59707 «gamma»-Picolylamine
Inchi:	InChI=1S/C6H8N2/c7-5-6-1-3-8-4-2-6/h1-4H,5,7H2
InchiKey:	TXQWFIVRZNOPCK-UHFFFAOYSA-N
Formula:	C6H8N2
SMILES:	NCc1ccncc1
Mol. weight [g/mol]:	108.14
CAS:	3731-53-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	0.540		Crippen Method
mcvol	91.600	ml/mol	McGowan Method
rinpol	1076.70		NIST Webbook
rinpol	1130.00		NIST Webbook
ripol	1879.00		NIST Webbook
ripol	1879.00		NIST Webbook
tb	503.20	K	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	376.00	K	1.50	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3731531&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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
rinpola:	Non-polar retention indices
ripola:	Polar retention indices
tb:	Normal Boiling Point Temperature
tbrp:	Boiling point at reduced pressure

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