2-Pyridinemethanamine

Other names:	Pyridine, 2-(aminomethyl)-
	«alpha»-Picolylamine
	2-(Aminomethyl)pyridine
	2-Picolinamine
	2-Picolylamine
	2-Pyridinemethylamine
	(2-Pyridylmethyl)amine
	2-Pyridinylmethanamine
	NSC 59705
Inchi:	InChI=1S/C6H8N2/c7-5-6-3-1-2-4-8-6/h1-4H,5,7H2
InchiKey:	WOXFMYVTSLAQMO-UHFFFAOYSA-N
Formula:	C6H8N2
SMILES:	NCc1ccccn1
Mol. weight [g/mol]:	108.14
CAS:	3731-51-9

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	1075.00		NIST Webbook
rinpol	1066.60		NIST Webbook
rinpol	1054.00		NIST Webbook
rinpol	1075.00		NIST Webbook
ripol	1748.00		NIST Webbook
ripol	1690.00		NIST Webbook
ripol	1690.00		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	356.70	K	1.60	NIST Webbook
tbrp	364.20	K	2.00	NIST Webbook

tbrp	364.00	K	2.00	NIST Webbook
tbrp	355.00	K	1.60	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3731519&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tbrp:	Boiling point at reduced pressure