4-Pyridinemethanol

Other names:	«gamma»-Picolyl alcohol
	4-(Hydroxymethyl)pyridine
	4-Pyridylcarbinol
	4-Pyridylmethanol
	Pyridine-4-methanol
	Pyridine, 4-carbinol
	4-Pyridinylmethanol
	4-Picolyl alcohol
	4-Pyridinecarbinol
	NSC 26024
	NSC 49167
Inchi:	InChI=1S/C6H7NO/c8-5-6-1-3-7-4-2-6/h1-4,8H,5H2
InchiKey:	PTMBWNZJOQBTBK-UHFFFAOYSA-N
Formula:	C6H7NO
SMILES:	OCc1ccncc1
Mol. weight [g/mol]:	109.13
CAS:	586-95-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.38		Crippen Method
logp	0.574		Crippen Method
mcvol	87.490	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	11.78	kJ/mol	325.20	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	381.70	K	0.10	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C586958&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hfust:	Enthalpy of fusion at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure