Piconol

Other names:	.alpha.-picolyl alcohol
	2-(hydroxymethyl)pyridine
	2-Pyridinylmethanol
	2-Pyridylmethanol
	2-hydroxymethylpyridine
	2-pyridinemethanol
	2-pyridylcarbinol
	Pyridine-2-carbinol
	Pyridine-2-methanol
	pyridine, 2-hydroxymethyl-
	«alpha»-Picolyl alcohol
Inchi:	InChI=1S/C6H7NO/c8-5-6-3-1-2-4-7-6/h1-4,8H,5H2
InchiKey:	SHNUBALDGXWUJI-UHFFFAOYSA-N
Formula:	C6H7NO
SMILES:	OCc1ccccn1
Mol. weight [g/mol]:	109.13
CAS:	586-98-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.38		Crippen Method
logp	0.574		Crippen Method
mcvol	87.490	ml/mol	McGowan Method
rinpol	1305.00		NIST Webbook
ripol	2110.00		NIST Webbook
ripol	2110.00		NIST Webbook
ripol	2110.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source

rhol	1133.60	kg/m3	291.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1133.10	kg/m3	292.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1132.40	kg/m3	293.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1130.70	kg/m3	295.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1129.30	kg/m3	297.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1128.70	kg/m3	298.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1127.70	kg/m3	299.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives

rhol	1127.10	kg/m3	300.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1125.60	kg/m3	302.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1124.80	kg/m3	303.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1124.00	kg/m3	304.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1122.40	kg/m3	306.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1120.80	kg/m3	308.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1119.40	kg/m3	310.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives

rhol	1118.10	kg/m3	312.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1117.20	kg/m3	313.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1115.60	kg/m3	315.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1114.20	kg/m3	317.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives
rhol	1113.50	kg/m3	318.15	A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	385.70	K	2.10	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
A comparative study of the volumetric properties of aqueous solutions of pyridine and piperidine derivatives:	https://www.doi.org/10.1016/j.fluid.2012.10.024
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C586981&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rhol:	Liquid Density
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tbrp:	Boiling point at reduced pressure