Pyridine, 5-ethenyl-2-methyl-

Other names:	2-Picoline, 5-vinyl-
	Pyridine, 2-methyl-5-vinyl-
	2-Methyl-5-vinylpyridine
	2,5-Methylvinylpyridine
	5-Vinyl-2-picoline
	2-Methyl-5-vinylpridine
Inchi:	InChI=1S/C8H9N/c1-3-8-5-4-7(2)9-6-8/h3-6H,1H2,2H3
InchiKey:	VJOWMORERYNYON-UHFFFAOYSA-N
Formula:	C8H9N
SMILES:	C=Cc1ccc(C)nc1
Mol. weight [g/mol]:	119.16
CAS:	140-76-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.54		Crippen Method
logp	2.033		Crippen Method
mcvol	105.500	ml/mol	McGowan Method
rinpol	1040.00		NIST Webbook
rinpol	1040.00		NIST Webbook
ripol	1509.00		NIST Webbook
ripol	1509.00		NIST Webbook
ripol	1509.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	55.20	kJ/mol	399.50	NIST Webbook
hvapt	54.50	kJ/mol	399.50	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C140761&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvapt:	Enthalpy of vaporization at a given temperature
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