Pyridine, 2-(2-methoxyethyl)-

Other names:	Pyridine, 2-(2-methoxyethyl)-
	Dekelmin
	Emthyridine
	Farmintic
	Methydrine
	Methyridine
	Metiridin
	Metyridin
	Minthic
	Mintic
	Prominthic
	Promintic
	2-(«beta»-Methoxyethyl)pyridine
	2-(2-Methoxyethyl)pyridine
	2-(2-Pyridyl)ethyl methyl ether
	2-Pyridyl-2-methoxyethane
	Methyridene
	NSC 34071
Inchi:	InChI=1S/C8H11NO/c1-10-7-5-8-4-2-3-6-9-8/h2-4,6H,5,7H2,1H3
InchiKey:	QRBVCAWHUSTDOT-UHFFFAOYSA-N
Formula:	C8H11NO
SMILES:	COCCc1ccccn1
Mol. weight [g/mol]:	137.18

Physical Properties

Property code	Value	Unit	Source
af	0.4160		Cheméo Relay (1.0)
hvap	57.49	kJ/mol	Cheméo Relay (1.0)
ie	9.16	eV	Cheméo Relay (1.0)
log10ws	0.63		Cheméo Relay (1.0)
logp	1.270		Crippen Method
mcvol	115.670	ml/mol	McGowan Method
pc	3411.27	kPa	Cheméo Relay (1.0, beta)
tb	469.14	K	Cheméo Relay (1.0)
tc	681.82	K	Cheméo Relay (1.0)
tf	220.39	K	Cheméo Relay (1.0)

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	368.20	K	2.30	NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C114910&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

af: Acentric Factor
hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
pc: Critical Pressure
tb: Normal Boiling Point Temperature
tbrp: Boiling point at reduced pressure
tc: Critical Temperature
tf: Normal melting (fusion) point