1-Piperazinamine, 4-methyl-

Other names: 1-Piperazinamine, 4-methyl-
4-methylpiperazin-1-amine
Inchi: InChI=1S/C5H13N3/c1-7-2-4-8(6)5-3-7/h2-6H2,1H3
InchiKey: RJWLLQWLBMJCFD-UHFFFAOYSA-N
Formula: C5H13N3
SMILES: CN1CCN(N)CC1
Mol. weight [g/mol]: 115.18

Physical Properties

Property code	Value	Unit	Source
hvap	53.26	kJ/mol	Cheméo Relay (1.0)
ie	8.65	eV	Cheméo Relay (1.0)
log10ws	1.32		Cheméo Relay (1.0)
logp	-0.892		Crippen Method
mcvol	100.390	ml/mol	McGowan Method
tb	446.70	K	NIST Webbook
tc	652.45	K	Cheméo Relay (1.0)
tf	278.95	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C6928854&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
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):

Legend

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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point