2-METHYL-5,6,7,8-TETRAHYDROQUINOXALINE

Inchi: InChI=1S/C9H12N2/c1-7-6-10-8-4-2-3-5-9(8)11-7/h6H,2-5H2,1H3
InchiKey: JSAHYTOSTYPFIJ-UHFFFAOYSA-N
Formula: C9H12N2
SMILES: Cc1cnc2c(n1)CCCC2
Mol. weight [g/mol]: 148.21

Physical Properties

Property code	Value	Unit	Source
hf	84.45	kJ/mol	Cheméo Relay (1.0)
hvap	58.14	kJ/mol	Cheméo Relay (1.0)
logp	1.664		Crippen Method
mcvol	123.010	ml/mol	McGowan Method
tb	514.48	K	Cheméo Relay (1.0)
tf	310.38	K	Cheméo Relay (1.0)

Sources

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=C38917656&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point