Dipiperazinylethane

Other names: Dipiperazinylethane
Inchi: InChI=1S/C10H22N4/c1-5-13(6-2-11-1)9-10-14-7-3-12-4-8-14/h11-12H,1-10H2
InchiKey: XDHVNMPVLPEHND-UHFFFAOYSA-N
Formula: C10H22N4
SMILES: C1CN(CCN2CCNCC2)CCN1
Mol. weight [g/mol]: 198.31

Physical Properties

Property code	Value	Unit	Source
hvap	94.78	kJ/mol	Cheméo Relay (1.0)
logp	-1.203		Crippen Method
mcvol	169.960	ml/mol	McGowan Method
tb	578.82	K	Cheméo Relay (1.0)
tf	345.03	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpl	540.00	J/mol×K	413.00	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=C19479835&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

cpl:	Liquid phase heat capacity
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