Cyclopropanemethylamine

Other names:	Cyclopropanemethylamine
	Cyclopropanemethanamine
Inchi:	InChI=1S/C4H9N/c5-3-4-1-2-4/h4H,1-3,5H2
InchiKey:	IGSKHXTUVXSOMB-UHFFFAOYSA-N
Formula:	C4H9N
SMILES:	NCC1CC1
Mol. weight [g/mol]:	71.12

Physical Properties

Property code	Value	Unit	Source
hfus	9.45	kJ/mol	Joback Method
logp	0.355		Crippen Method
mcvol	66.340	ml/mol	McGowan Method
tb	361.14	K	Cheméo Relay (1.0)
tf	278.49	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	121.12	J/mol×K	370.19	Joback Method
cpg	131.32	J/mol×K	403.26	Joback Method
cpg	140.92	J/mol×K	436.32	Joback Method
cpg	149.93	J/mol×K	469.39	Joback Method
cpg	158.40	J/mol×K	502.45	Joback Method
cpg	166.35	J/mol×K	535.52	Joback Method
cpg	173.81	J/mol×K	568.58	Joback Method

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=C2516474&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point