1-ETHYLCYCLOPROPANOL

Inchi: InChI=1S/C5H10O/c1-2-5(6)3-4-5/h6H,2-4H2,1H3
InchiKey: XZUJSRYCYMMXFZ-UHFFFAOYSA-N
Formula: C5H10O
SMILES: CCC1(O)CC1
Mol. weight [g/mol]: 86.13

Physical Properties

Property code	Value	Unit	Source
hfus	4.63	kJ/mol	Joback Method
ie	9.48	eV	Cheméo Relay (1.0)
logp	0.921		Crippen Method
mcvol	76.320	ml/mol	McGowan Method
tb	381.09	K	Cheméo Relay (1.0)
tf	224.51	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	154.21	J/mol×K	412.96	Joback Method
cpg	164.04	J/mol×K	443.38	Joback Method
cpg	173.08	J/mol×K	473.81	Joback Method
cpg	181.40	J/mol×K	504.23	Joback Method
cpg	189.10	J/mol×K	534.65	Joback Method
cpg	196.23	J/mol×K	565.08	Joback Method
cpg	202.89	J/mol×K	595.50	Joback Method

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C57872318&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
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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