2-Cyclopropylethanol

Other names: 2-Cyclopropylethanol
Inchi: InChI=1S/C5H10O/c6-4-3-5-1-2-5/h5-6H,1-4H2
InchiKey: LUNMJRJMSXZSLC-UHFFFAOYSA-N
Formula: C5H10O
SMILES: OCCC1CC1
Mol. weight [g/mol]: 86.13

Physical Properties

Property code	Value	Unit	Source
hfus	10.93	kJ/mol	Joback Method
logp	0.779		Crippen Method
mcvol	76.320	ml/mol	McGowan Method
tb	414.55	K	Cheméo Relay (1.0)
tf	220.51	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	153.42	J/mol×K	412.72	Joback Method
cpg	203.11	J/mol×K	587.68	Joback Method
cpg	195.91	J/mol×K	558.52	Joback Method
cpg	188.30	J/mol×K	529.36	Joback Method
cpg	180.27	J/mol×K	500.20	Joback Method
cpg	171.80	J/mol×K	471.04	Joback Method
cpg	162.85	J/mol×K	441.88	Joback Method
dvisc	0.0018007	Pa×s	318.79	Joback Method
dvisc	0.0004366	Pa×s	412.72	Joback Method
dvisc	0.0006479	Pa×s	381.41	Joback Method
dvisc	0.0010319	Pa×s	350.10	Joback Method
dvisc	0.0242626	Pa×s	224.87	Joback Method
dvisc	0.0035477	Pa×s	287.49	Joback Method
dvisc	0.0082493	Pa×s	256.18	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=C2566441&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
dvisc:	Dynamic viscosity
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