2-METHYLENE-CYCLOPENTANOL

Inchi: InChI=1S/C6H10O/c1-5-3-2-4-6(5)7/h6-7H,1-4H2
InchiKey: GQKSJBOBUIUXGZ-UHFFFAOYSA-N
Formula: C6H10O
SMILES: C=C1CCCC1O
Mol. weight [g/mol]: 98.14

Physical Properties

Property code	Value	Unit	Source
hfus	8.16	kJ/mol	Joback Method
ie	9.29	eV	Cheméo Relay (1.0)
logp	1.087		Crippen Method
mcvol	86.110	ml/mol	McGowan Method
tf	233.25	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	174.95	J/mol×K	443.30	Joback Method
cpg	185.52	J/mol×K	474.84	Joback Method
cpg	195.58	J/mol×K	506.39	Joback Method
cpg	205.15	J/mol×K	537.93	Joback Method
cpg	214.25	J/mol×K	569.48	Joback Method
cpg	222.89	J/mol×K	601.02	Joback Method
cpg	231.08	J/mol×K	632.56	Joback Method
dvisc	0.0235480	Pa×s	242.78	Joback Method
dvisc	0.0072870	Pa×s	276.20	Joback Method
dvisc	0.0029048	Pa×s	309.62	Joback Method
dvisc	0.0013852	Pa×s	343.04	Joback Method
dvisc	0.0007534	Pa×s	376.46	Joback Method
dvisc	0.0004525	Pa×s	409.88	Joback Method
dvisc	0.0002935	Pa×s	443.30	Joback Method

Sources

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
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20461318&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

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