CYCLOPROPANE, (1-METHYL-1,2-PROPADIENYL)-

Other names: (1-Methyl-1,2-propadienyl)cyclopropane
Cyclopropane,(1-methyl-1,2-propadienyl)-)
Inchi: InChI=1S/C7H10/c1-3-6(2)7-4-5-7/h7H,1,4-5H2,2H3
InchiKey: PPMXMHDIWQDNIE-UHFFFAOYSA-N
Formula: C7H10
SMILES: C=C=C(C)C1CC1
Mol. weight [g/mol]: 94.16

Physical Properties

Property code	Value	Unit	Source
hfus	11.56	kJ/mol	Joback Method
ie	8.83	eV	NIST Webbook
logp	2.128		Crippen Method
mcvol	90.030	ml/mol	McGowan Method
tf	165.90	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	155.89	J/mol×K	366.13	Joback Method
cpg	167.92	J/mol×K	399.25	Joback Method
cpg	179.30	J/mol×K	432.36	Joback Method
cpg	190.08	J/mol×K	465.48	Joback Method
cpg	200.26	J/mol×K	498.60	Joback Method
cpg	209.89	J/mol×K	531.71	Joback Method
cpg	218.99	J/mol×K	564.83	Joback Method

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C51549861&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
tf:	Normal melting (fusion) point