5-Ethyl-2-methyl-2-vinyltetrahydrofuran

Inchi: InChI=1S/C9H16O/c1-4-8-6-7-9(3,5-2)10-8/h5,8H,2,4,6-7H2,1,3H3
InchiKey: DVPIINWPSFQJCO-UHFFFAOYSA-N
Formula: C9H16O
SMILES: C=CC1(C)CCC(CC)O1
Mol. weight [g/mol]: 140.23

Physical Properties

Property code	Value	Unit	Source
hfus	14.47	kJ/mol	Joback Method
logp	2.520		Crippen Method
mcvol	128.380	ml/mol	McGowan Method
rinpol	910.90		NIST Webbook
rinpol	947.00		NIST Webbook
rinpol	910.90		NIST Webbook
rinpol	947.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	273.18	J/mol×K	439.80	Joback Method
cpg	290.35	J/mol×K	473.73	Joback Method
cpg	306.39	J/mol×K	507.66	Joback Method
cpg	321.39	J/mol×K	541.59	Joback Method
cpg	335.46	J/mol×K	575.52	Joback Method
cpg	348.69	J/mol×K	609.45	Joback Method
cpg	361.17	J/mol×K	643.38	Joback Method

Sources

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=C104188149&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices