11-nor-Drim-7-ene

Inchi: InChI=1S/C14H24/c1-11-6-7-12-13(2,3)8-5-9-14(12,4)10-11/h6,12H,5,7-10H2,1-4H3
InchiKey: VVRRRFXQMHGZMH-UHFFFAOYSA-N
Formula: C14H24
SMILES: CC1=CCC2C(C)(C)CCCC2(C)C1
Mol. weight [g/mol]: 192.34

Physical Properties

Property code	Value	Unit	Source
gf	141.74	kJ/mol	Joback Method
hf	-154.88	kJ/mol	Joback Method
hfus	9.19	kJ/mol	Joback Method
hvap	45.62	kJ/mol	Joback Method
log10ws	-4.60		Crippen Method
logp	4.559		Crippen Method
mcvol	182.100	ml/mol	McGowan Method
pc	2216.62	kPa	Joback Method
rinpol	1352.00		NIST Webbook
rinpol	1352.00		NIST Webbook
tb	550.23	K	Joback Method
tc	779.45	K	Joback Method
tf	326.18	K	Joback Method
vc	0.682	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	467.29	J/mol×K	550.23	Joback Method
cpg	490.60	J/mol×K	588.43	Joback Method
cpg	512.32	J/mol×K	626.64	Joback Method
cpg	532.72	J/mol×K	664.84	Joback Method
cpg	552.06	J/mol×K	703.05	Joback Method
cpg	570.59	J/mol×K	741.25	Joback Method
cpg	588.59	J/mol×K	779.45	Joback Method

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R229108&Units=SI
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
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume