11-nor-Driman-8-ol

Inchi: InChI=1S/C14H26O/c1-12(2)7-5-8-13(3)10-14(4,15)9-6-11(12)13/h11,15H,5-10H2,1-4H3
InchiKey: SJRWAGBQZRSZEQ-QRMWWUJWSA-N
Formula: C14H26O
SMILES: CC1(O)CCC2C(C)(C)CCCC2(C)C1
Mol. weight [g/mol]: 210.36

Physical Properties

Property code	Value	Unit	Source
gf	-28.61	kJ/mol	Joback Method
hf	-358.52	kJ/mol	Joback Method
hfus	7.22	kJ/mol	Joback Method
hvap	59.88	kJ/mol	Joback Method
log10ws	-4.12		Crippen Method
logp	3.754		Crippen Method
mcvol	192.270	ml/mol	McGowan Method
pc	2400.57	kPa	Joback Method
rinpol	1539.00		NIST Webbook
ripol	2134.00		NIST Webbook
ripol	2134.00		NIST Webbook
tb	633.84	K	Joback Method
tc	850.32	K	Joback Method
tf	393.38	K	Joback Method
vc	0.713	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	558.90	J/mol×K	633.84	Joback Method
cpg	579.14	J/mol×K	669.92	Joback Method
cpg	598.51	J/mol×K	706.00	Joback Method
cpg	617.31	J/mol×K	742.08	Joback Method
cpg	635.84	J/mol×K	778.16	Joback Method
cpg	654.41	J/mol×K	814.24	Joback Method
cpg	673.33	J/mol×K	850.32	Joback Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
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=R228709&Units=SI

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
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume