2-(2-Hydroxyethyl)-3-methoxy-tricyclo[2.2.2.1.0*2,

Inchi: InChI=1S/C10H16O2/c1-12-9-6-4-7-8(5-6)10(7,9)2-3-11/h6-9,11H,2-5H2,1H3
InchiKey: FTRKQIVOEVFKLS-UHFFFAOYSA-N
Formula: C10H16O2
SMILES: COC1C2CC3C(C2)C31CCO
Mol. weight [g/mol]: 168.23

Physical Properties

Property code	Value	Unit	Source
gf	-22.96	kJ/mol	Joback Method
hf	-328.90	kJ/mol	Joback Method
hfus	21.38	kJ/mol	Joback Method
hvap	54.57	kJ/mol	Joback Method
log10ws	-1.19		Crippen Method
logp	1.040		Crippen Method
mcvol	130.920	ml/mol	McGowan Method
pc	3142.03	kPa	Joback Method
rinpol	1398.00		NIST Webbook
rinpol	1398.00		NIST Webbook
tb	545.38	K	Joback Method
tc	731.39	K	Joback Method
tf	361.79	K	Joback Method
vc	0.515	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	365.02	J/mol×K	545.38	Joback Method
cpg	378.94	J/mol×K	576.38	Joback Method
cpg	391.95	J/mol×K	607.38	Joback Method
cpg	404.19	J/mol×K	638.38	Joback Method
cpg	415.75	J/mol×K	669.39	Joback Method
cpg	426.77	J/mol×K	700.39	Joback Method
cpg	437.36	J/mol×K	731.39	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=R287248&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume