Delta-camphor oxime

Inchi: InChI=1S/C10H17NO/c1-9(2)7-4-5-10(9,3)6-8(7)11-12/h7,12H,4-6H2,1-3H3/b11-8-
InchiKey: YRFYGXHZHMFEQS-FLIBITNWSA-N
Formula: C10H17NO
SMILES: CC12CCC(C(=NO)C1)C2(C)C
Mol. weight [g/mol]: 167.25

Physical Properties

Property code	Value	Unit	Source
hf	-211.35	kJ/mol	Joback Method
hvap	56.06	kJ/mol	Joback Method
log10ws	-1.89		Crippen Method
logp	2.663		Crippen Method
mcvol	141.590	ml/mol	McGowan Method
pc	2853.57	kPa	Joback Method
tb	613.10	K	Joback Method
tc	827.62	K	Joback Method

Sources

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=B6002625&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf: Enthalpy of formation 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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature