mustakone

Inchi: InChI=1S/C14H20O/c1-8(2)9-6-7-14(3)10-4-5-11(15)13(14)12(9)10/h4-5,8-10,12-13H,6-7
InchiKey: KTPOZFYJWLGJGH-PYYBWGNESA-N
Formula: C14H20O
SMILES: CC(C)[C@H]1CC[C@@]2(C)C3C=CC(=O)[C@@H]2[C@H]31
Mol. weight [g/mol]: 204.31

Physical Properties

Property code	Value	Unit	Source
hfus	17.37	kJ/mol	Joback Method
logp	3.060		Crippen Method
mcvol	172.810	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	490.88	J/mol×K	601.65	Joback Method
cpg	512.09	J/mol×K	640.04	Joback Method
cpg	531.96	J/mol×K	678.42	Joback Method
cpg	550.69	J/mol×K	716.81	Joback Method
cpg	568.46	J/mol×K	755.19	Joback Method
cpg	585.45	J/mol×K	793.58	Joback Method
cpg	601.87	J/mol×K	831.96	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
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):

Legend

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