.gamma.-Dehydro-ar-himachalene

Inchi: InChI=1S/C15H20/c1-11-7-8-13-12(2)6-5-9-15(3,4)14(13)10-11/h6-8,10H,5,9H2,1-4H3
InchiKey: KSQQTNWAKSYGCR-UHFFFAOYSA-N
Formula: C15H20
SMILES: CC1=CCCC(C)(C)c2cc(C)ccc21
Mol. weight [g/mol]: 200.33

Physical Properties

Property code	Value	Unit	Source
hf	12.95	kJ/mol	Cheméo Relay (1.0)
hfus	16.34	kJ/mol	Joback Method
logp	4.470		Crippen Method
mcvol	183.290	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	460.71	J/mol×K	598.90	Joback Method
cpg	480.03	J/mol×K	637.81	Joback Method
cpg	498.17	J/mol×K	676.72	Joback Method
cpg	515.30	J/mol×K	715.63	Joback Method
cpg	531.57	J/mol×K	754.54	Joback Method
cpg	547.15	J/mol×K	793.45	Joback Method
cpg	562.19	J/mol×K	832.36	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):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C51766655&Units=SI

Legend

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