PLATAMBIN

Inchi: InChI=1S/C15H26O2/c1-9(2)11-7-8-15(4)12(16)6-5-10(3)13(15)14(11)17/h9,11-14,16-17
InchiKey: WKKJGHCXVKEJNU-UHFFFAOYSA-N
Formula: C15H26O2
SMILES: C=C1CCC(O)C2(C)CCC(C(C)C)C(O)C12
Mol. weight [g/mol]: 238.37

Physical Properties

Property code	Value	Unit	Source
hfus	22.89	kJ/mol	Joback Method
logp	2.747		Crippen Method
mcvol	207.930	ml/mol	McGowan Method
rinpol	1867.00		NIST Webbook
ripol	2686.00		NIST Webbook
ripol	2686.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	669.64	J/mol×K	742.47	Joback Method
cpg	687.05	J/mol×K	774.94	Joback Method
cpg	703.74	J/mol×K	807.41	Joback Method
cpg	719.81	J/mol×K	839.87	Joback Method
cpg	735.35	J/mol×K	872.34	Joback Method
cpg	750.45	J/mol×K	904.81	Joback Method
cpg	765.20	J/mol×K	937.28	Joback Method

Sources

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=C58556802&Units=SI

Joback Method: https://en.wikipedia.org/wiki/Joback_method

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices