(-)-(1R,2S,6R,10S)-2.alpha.-Hydroxyamorpha-4,7(1

Other names: (-)-(1R,2S,6R,10S)-2«alpha»-Hydroxyamorpha-4,7(11)-diene
Inchi: InChI=1S/C15H24O/c1-9(2)12-6-5-11(4)15-13(12)7-10(3)8-14(15)16/h7,11,13-16H,5-6,8
InchiKey: BEIGEIPJNFKPQA-CYUUQNCZSA-N
Formula: C15H24O
SMILES: CC1=C[C@@H]2C(=C(C)C)CC[C@@H](C)[C@@H]2[C@H](O)C1
Mol. weight [g/mol]: 220.36

Physical Properties

Property code	Value	Unit	Source
hfus	28.55	kJ/mol	Joback Method
logp	3.696		Crippen Method
mcvol	197.760	ml/mol	McGowan Method
rinpol	1684.00		NIST Webbook
rinpol	1684.00		NIST Webbook
rinpol	1684.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	578.39	J/mol×K	666.66	Joback Method
cpg	597.44	J/mol×K	700.54	Joback Method
cpg	615.40	J/mol×K	734.42	Joback Method
cpg	632.32	J/mol×K	768.31	Joback Method
cpg	648.22	J/mol×K	802.19	Joback Method
cpg	663.16	J/mol×K	836.07	Joback Method
cpg	677.18	J/mol×K	869.95	Joback Method

Sources

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=R425415&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

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

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