5.BETA.,7.BETA.H,10.ALPHA.-EUDESM-11-EN-1.A

Other names: Eudesm-11-en-1-ol
Inchi: InChI=1S/C15H26O/c1-10(2)12-7-8-15(4)13(9-12)11(3)5-6-14(15)16/h11-14,16H,1,5-9H2
InchiKey: SZJYIPBMAVTAPS-UHFFFAOYSA-N
Formula: C15H26O
SMILES: C=C(C)C1CCC2(C)C(O)CCC(C)C2C1
Mol. weight [g/mol]: 222.37

Physical Properties

Property code	Value	Unit	Source
hfus	20.89	kJ/mol	Joback Method
logp	3.776		Crippen Method
mcvol	202.060	ml/mol	McGowan Method
rinpol	1748.00		NIST Webbook
tb	578.35	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	598.16	J/mol×K	648.13	Joback Method
cpg	619.17	J/mol×K	682.40	Joback Method
cpg	639.08	J/mol×K	716.67	Joback Method
cpg	658.00	J/mol×K	750.94	Joback Method
cpg	676.06	J/mol×K	785.21	Joback Method
cpg	693.38	J/mol×K	819.48	Joback Method
cpg	710.06	J/mol×K	853.75	Joback Method

Sources

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=C25826851&Units=SI
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

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
tb:	Normal Boiling Point Temperature