Eudesm-7(11)-en-4«alpha»-ol

Inchi: InChI=1S/C15H26O/c1-11(2)12-6-9-14(3)7-5-8-15(4,16)13(14)10-12/h13,16H,5-10H2,1-4
InchiKey: STRABSCAWZINIF-FGRDXJNISA-N
Formula: C15H26O
SMILES: CC(C)=C1CCC2(C)CCCC(C)(O)C2C1
Mol. weight [g/mol]: 222.37

Physical Properties

Property code	Value	Unit	Source
hfus	14.05	kJ/mol	Joback Method
logp	4.064		Crippen Method
mcvol	202.060	ml/mol	McGowan Method
rinpol	1682.00		NIST Webbook
rinpol	1681.00		NIST Webbook
rinpol	1700.00		NIST Webbook
rinpol	1681.00		NIST Webbook
ripol	2300.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	592.41	J/mol×K	667.67	Joback Method
cpg	612.10	J/mol×K	703.47	Joback Method
cpg	630.99	J/mol×K	739.27	Joback Method
cpg	649.30	J/mol×K	775.07	Joback Method
cpg	667.26	J/mol×K	810.88	Joback Method
cpg	685.10	J/mol×K	846.68	Joback Method
cpg	703.04	J/mol×K	882.48	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=R340002&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