(-)-«alpha»-alaskene

Inchi: InChI=1S/C15H24/c1-11(2)14-6-5-13(4)15(14)9-7-12(3)8-10-15/h7,13H,5-6,8-10H2,1-4H
InchiKey: HMKLOOMRRZKSNM-UHFFFAOYSA-N
Formula: C15H24
SMILES: CC1=CCC2(CC1)C(=C(C)C)CCC2C
Mol. weight [g/mol]: 204.35

Physical Properties

Property code	Value	Unit	Source
hfus	16.02	kJ/mol	Joback Method
logp	4.869		Crippen Method
mcvol	191.890	ml/mol	McGowan Method
rinpol	1557.00		NIST Webbook
rinpol	1557.00		NIST Webbook
ripol	1748.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	501.06	J/mol×K	584.06	Joback Method
cpg	523.47	J/mol×K	621.92	Joback Method
cpg	544.48	J/mol×K	659.79	Joback Method
cpg	564.25	J/mol×K	697.65	Joback Method
cpg	582.97	J/mol×K	735.51	Joback Method
cpg	600.80	J/mol×K	773.38	Joback Method
cpg	617.92	J/mol×K	811.24	Joback Method

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R142051&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
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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