Cyprotene

Inchi: InChI=1S/C14H24/c1-6-11-9-12-8-7-10(2)14(11,5)13(12,3)4/h6,10,12H,7-9H2,1-5H3/b11
InchiKey: FMOZOFOCONBPNY-WRGOHHSXSA-N
Formula: C14H24
SMILES: CC=C1CC2CCC(C)C1(C)C2(C)C
Mol. weight [g/mol]: 192.34

Physical Properties

Property code	Value	Unit	Source
hfus	13.95	kJ/mol	Joback Method
logp	4.415		Crippen Method
mcvol	182.100	ml/mol	McGowan Method
rinpol	1327.00		NIST Webbook
rinpol	1345.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	465.63	J/mol×K	539.52	Joback Method
cpg	487.66	J/mol×K	575.69	Joback Method
cpg	508.21	J/mol×K	611.87	Joback Method
cpg	527.51	J/mol×K	648.04	Joback Method
cpg	545.80	J/mol×K	684.21	Joback Method
cpg	563.32	J/mol×K	720.39	Joback Method
cpg	580.30	J/mol×K	756.56	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R428132&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

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

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