

LONGIPINOCARVEOL, TRANS-

Other names:	trans-Longipinocarveol
Inchi:	InChI=1S/C15H24O/c1-10-12(16)8-11-9-15(10)13(2,3)6-5-7-14(11,15)4/h11-12,16H,1,5-
InchiKey:	QZIBYWPRLPFUFU-UHFFFAOYSA-N
Formula:	C15H24O
SMILES:	C=C1C(O)CC2CC13C(C)(C)CCCC23C
Mol. weight [g/mol]:	220.36

Physical Properties

Property code	Value	Unit	Source
hfus	10.99	kJ/mol	Joback Method
logp	3.530		Crippen Method
mcvol	191.200	ml/mol	McGowan Method
rinpol	1618.00		NIST Webbook
rinpol	1634.00		NIST Webbook
rinpol	1618.00		NIST Webbook
rinpol	1618.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	570.34	J/mol×K	654.08	Joback Method
cpg	588.87		689.93	Joback Method
cpg	606.74		725.77	Joback Method
cpg	624.31		761.62	Joback Method
cpg	641.90		797.47	Joback Method
cpg	659.86		833.31	Joback Method
cpg	678.52		869.16	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=U159365&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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