

1H-indene, 2,3-dihydro-1,6-dimethyl-

Other names:	1,6-Dimethylindan
Inchi:	InChI=1S/C11H14/c1-8-3-5-10-6-4-9(2)11(10)7-8/h3,5,7,9H,4,6H2,1-2H3
InchiKey:	UVRVNMDNGVIBGM-UHFFFAOYSA-N
Formula:	C11H14
SMILES:	Cc1ccc2c(c1)C(C)CC2
Mol. weight [g/mol]:	146.23

Physical Properties

Property code	Value	Unit	Source
hfus	15.64	kJ/mol	Joback Method
ie	8.08	eV	Cheméo Relay (1.0)
logp	3.045		Crippen Method
mcvol	131.230	ml/mol	McGowan Method
tb	493.91	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	287.08	J/mol×K	494.46	Joback Method
cpg	303.50	J/mol×K	531.30	Joback Method
cpg	318.89	J/mol×K	568.14	Joback Method
cpg	333.30	J/mol×K	604.98	Joback Method
cpg	346.79	J/mol×K	641.82	Joback Method
cpg	359.42	J/mol×K	678.66	Joback Method
cpg	371.25	J/mol×K	715.50	Joback Method
dvisc	0.0012544	Pa×s	283.13	Joback Method
dvisc	0.0009317	Pa×s	318.35	Joback Method
dvisc	0.0007342	Pa×s	353.57	Joback Method
dvisc	0.0006041	Pa×s	388.80	Joback Method
dvisc	0.0005134	Pa×s	424.02	Joback Method
dvisc	0.0004474	Pa×s	459.24	Joback Method
dvisc	0.0003975	Pa×s	494.46	Joback Method

Sources

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):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17059482&Units=SI

Legend

cpg:	Ideal gas heat capacity
dvisc:	Dynamic viscosity
hfus:	Enthalpy of fusion at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature

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