

# neoiso(iso)pulegol

<b>Inchi:</b>	InChI=1S/C10H18O/c1-7(2)9-5-4-8(3)6-10(9)11/h8,10-11H,4-6H2,1-3H3
<b>InchiKey:</b>	JGVWYJDASSSGEK-UHFFFAOYSA-N
<b>Formula:</b>	C10H18O
<b>SMILES:</b>	CC(C)=C1CCC(C)CC1O
<b>Mol. weight [g/mol]:</b>	154.25

## Physical Properties

Property code	Value	Unit	Source
gf	-49.85	kJ/mol	Joback Method
hf	-301.74	kJ/mol	Joback Method
hfus	17.66	kJ/mol	Joback Method
hvap	55.52	kJ/mol	Joback Method
log10ws	-2.89		Crippen Method
logp	2.504		Crippen Method
mcvol	142.470	ml/mol	McGowan Method
pc	2829.33	kPa	Joback Method
rinpol	1154.00		NIST Webbook
rinpol	1154.00		NIST Webbook
rinpol	1168.00		NIST Webbook
rinpol	1168.00		NIST Webbook
rinpol	1166.00		NIST Webbook
rinpol	1171.00		NIST Webbook
ripol	1614.00		NIST Webbook
ripol	1614.00		NIST Webbook
tb	541.78	K	Joback Method
tc	736.93	K	Joback Method
tf	262.82	K	Joback Method
vc	0.530	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	351.40	J/molxK	541.78	Joback Method
cpg	367.35	J/molxK	574.31	Joback Method

cpg	382.51	J/mol×K	606.83	Joback Method
cpg	396.91	J/mol×K	639.36	Joback Method
cpg	410.57	J/mol×K	671.88	Joback Method
cpg	423.50	J/mol×K	704.41	Joback Method
cpg	435.72	J/mol×K	736.93	Joback Method

## Sources

<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R302119&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R302119&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>cpg:</b>	Ideal gas heat capacity
<b>gf:</b>	Standard Gibbs free energy of formation
<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfus:</b>	Enthalpy of fusion at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature
<b>tf:</b>	Normal melting (fusion) point
<b>vc:</b>	Critical Volume

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