

# Carbamic acid, 3-methylphenyl, ethyl ester

<b>Inchi:</b>	InChI=1S/C10H13NO2/c1-3-13-10(12)11-9-6-4-5-8(2)7-9/h4-7H,3H2,1-2H3,(H,11,12)
<b>InchiKey:</b>	XYSNXNHHBUFLLV-UHFFFAOYSA-N
<b>Formula:</b>	C10H13NO2
<b>SMILES:</b>	CCOC(O)=Nc1cccc(C)c1
<b>Mol. weight [g/mol]:</b>	179.22

## Physical Properties

Property code	Value	Unit	Source
hf	-236.69	kJ/mol	Joback Method
hvap	63.28	kJ/mol	Joback Method
log10ws	-2.34		Crippen Method
logp	2.577		Crippen Method
mcvol	145.420	ml/mol	McGowan Method
pc	2808.38	kPa	Joback Method
rinpol	1492.00		NIST Webbook
rinpol	1494.00		NIST Webbook
rinpol	1497.00		NIST Webbook
rinpol	1490.00		NIST Webbook
rinpol	1490.00		NIST Webbook
tb	651.02	K	Joback Method
tc	860.75	K	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=U298507&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U298507&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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>hf:</b>	Enthalpy of formation at standard conditions
<b>h<sub>vap</sub>:</b>	Enthalpy of vaporization at standard conditions
<b>log<sub>10</sub>ws:</b>	Log <sub>10</sub> of Water solubility in mol/l
<b>log<sub>p</sub>:</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>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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