

# Thiophene-2-carboxamide, N-ethyl-N-(3-methylphenyl)-

<b>Inchi:</b>	InChI=1S/C14H15NOS/c1-3-15(12-7-4-6-11(2)10-12)14(16)13-8-5-9-17-13/h4-10H,3H2,
<b>InchiKey:</b>	YFJNAIMKFSZOKA-UHFFFAOYSA-N
<b>Formula:</b>	C14H15NOS
<b>SMILES:</b>	CCN(C(=O)c1cccs1)c1cccc(C)c1
<b>Mol. weight [g/mol]:</b>	245.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.00		Crippen Method
logp	3.723		Crippen Method
mcvol	192.800	ml/mol	McGowan Method
rinpola	1917.00		NIST Webbook
rinpola	1917.00		NIST Webbook

## Sources

<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=U308191&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U308191&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

<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>rinpola:</b>	Non-polar retention indices

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