

# 3-Amino-5-tert-butylpyrazole

<b>Other names:</b>	1H-Pyrazol-3-amine, 5-(1,1-dimethylethyl)-
<b>Inchi:</b>	InChI=1S/C7H13N3/c1-7(2,3)5-4-6(8)10-9-5/h4H,1-3H3,(H3,8,9,10)
<b>InchiKey:</b>	ZHBXGHWSVIBUCQ-UHFFFAOYSA-N
<b>Formula:</b>	C7H13N3
<b>SMILES:</b>	CC(C)(C)c1cc(N)n[nH]1
<b>Mol. weight [g/mol]:</b>	139.20
<b>CAS:</b>	82560-12-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.40		Crippen Method
logp	0.808		Crippen Method
mcvol	119.970	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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=C82560121&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C82560121&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>

## 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

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