

# 2-Methyl-5-butylpyridine

<b>Other names:</b>	5-Butyl-2-methylpyridine Pyridine, 5-butyl-2-methyl-
<b>Inchi:</b>	InChI=1S/C10H15N/c1-3-4-5-10-7-6-9(2)11-8-10/h6-8H,3-5H2,1-2H3
<b>InchiKey:</b>	GSYSNSTWMPZEQK-UHFFFAOYSA-N
<b>Formula:</b>	C10H15N
<b>SMILES:</b>	CCCCc1ccc(C)nc1
<b>Mol. weight [g/mol]:</b>	149.23
<b>CAS:</b>	702-16-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	2.733		Crippen Method
mcpvol	137.980	ml/mol	McGowan Method

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	378.70	K	2.70	NIST Webbook

## Sources

<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>
<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=C702169&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C702169&amp;Units=SI</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>tbrp:</b>	Boiling point at reduced pressure

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