

# Pyridine, 3-methyl-2-phenyl-

<b>Other names:</b>	3-Methyl-2-phenylpyridine 3-Picoline, 2-phenyl- 2-Phenyl-3-methyl-pyridine
<b>Inchi:</b>	InChI=1S/C12H11N/c1-10-6-5-9-13-12(10)11-7-3-2-4-8-11/h2-9H,1H3
<b>InchiKey:</b>	BJATUPPYBZHEIO-UHFFFAOYSA-N
<b>Formula:</b>	C12H11N
<b>SMILES:</b>	Cc1cccnc1-c1ccccc1
<b>Mol. weight [g/mol]:</b>	169.22
<b>CAS:</b>	10273-90-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.32		Crippen Method
logp	3.057		Crippen Method
mcvol	142.400	ml/mol	McGowan Method
rinpol	257.12		NIST Webbook
rinpol	1513.00		NIST Webbook
rinpol	1513.00		NIST Webbook
rinpol	257.12		NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	421.70	K	2.10	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=C10273902&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C10273902&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>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpol:</b>	Non-polar retention indices
<b>tbrp:</b>	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/75-449-1/Pyridine-3-methyl-2-phenyl.pdf>

Generated by Cheméo on 2024-04-19 19:43:03.46943145 +0000 UTC m=+15845032.390008772.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.