

# Pyridine, 3,5-diphenyl-

<b>Other names:</b>	3,5-diphenylpyridine
<b>Inchi:</b>	InChI=1S/C17H13N/c1-3-7-14(8-4-1)16-11-17(13-18-12-16)15-9-5-2-6-10-15/h1-13H
<b>InchiKey:</b>	VCJOMHSIIOWCPQ-UHFFFAOYSA-N
<b>Formula:</b>	C17H13N
<b>SMILES:</b>	<chem>c1ccc(-c2cncc(-c3ccccc3)c2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	231.29
<b>CAS:</b>	92-07-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.44		Crippen Method
logp	4.416		Crippen Method
mcvol	189.090	ml/mol	McGowan Method
rinpol	372.84		NIST Webbook
rinpol	373.79		NIST Webbook
rinpol	372.84		NIST Webbook

## 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=C92079&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C92079&amp;Units=SI</a>
<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>

## 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

Latest version available from:

<https://www.cheméo.com/cid/64-422-2/Pyridine-3-5-diphenyl.pdf>

Generated by Cheméo on 2024-04-29 09:11:39.302843199 +0000 UTC m=+16671148.223420510.

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