

# Pyridine, 4-(3-phenylpropyl)-

<b>Other names:</b>	1-(4-Pyridyl)-3-phenylpropane 4-(3-Phenylpropyl)pyridine 4-Phenylpropylpyridine
<b>Inchi:</b>	InChI=1S/C14H15N/c1-2-5-13(6-3-1)7-4-8-14-9-11-15-12-10-14/h1-3,5-6,9-12H,4,7-8H2
<b>InchiKey:</b>	AQIIVEISJBBUCR-UHFFFAOYSA-N
<b>Formula:</b>	C14H15N
<b>SMILES:</b>	<chem>c1ccc(CCCc2ccncc2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	197.28
<b>CAS:</b>	2057-49-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	3.257		Crippen Method
mcvol	170.580	ml/mol	McGowan Method
rinpol	1730.60		NIST Webbook
rinpol	1725.00		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=C2057490&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2057490&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

Latest version available from:

<https://www.cheméo.com/cid/25-854-6/Pyridine-4-3-phenylpropyl.pdf>

Generated by Cheméo on 2024-04-20 02:59:06.450553796 +0000 UTC m=+15871195.371131107.

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