

# Pyridine, 4-(2-phenylethyl)-

<b>Other names:</b>	4-(2-Phenylethyl)pyridine
<b>Inchi:</b>	InChI=1S/C13H13N/c1-2-4-12(5-3-1)6-7-13-8-10-14-11-9-13/h1-5,8-11H,6-7H2
<b>InchiKey:</b>	UWLBLNRDXXHYGS-UHFFFAOYSA-N
<b>Formula:</b>	C13H13N
<b>SMILES:</b>	c1ccc(CCc2ccncc2)cc1
<b>Mol. weight [g/mol]:</b>	183.25
<b>CAS:</b>	2116-64-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.65		Crippen Method
logp	2.867		Crippen Method
mcvol	156.490	ml/mol	McGowan Method
rinpol	1603.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2116645&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2116645&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>
<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>

## 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.chemeo.com/cid/50-182-4/Pyridine-4-2-phenylethyl.pdf>

Generated by Cheméo on 2024-04-20 15:58:31.14460172 +0000 UTC m=+15917960.065179031.

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