

# Methanone, phenyl-2-pyridinyl-, oxime

<b>Other names:</b>	Phenyl-«alpha»-pyridyl ketoxime Phenyl 2-pyridyl ketoxime Phenyl 2-pyridyl ketone oxime Ketone, phenyl 2-pyridyl, oxime 2-Benzoylpyridine ketoxime Phenyl-pyridin-2-yl-methanone oxime Phenyl(2-pyridinyl)methanone oxime NSC 53389
<b>Inchi:</b>	InChI=1S/C12H10N2O/c15-14-12(10-6-2-1-3-7-10)11-8-4-5-9-13-11/h1-9,15H
<b>InchiKey:</b>	RSJDEVMJZLLAHS-UHFFFAOYSA-N
<b>Formula:</b>	C12H10N2O
<b>SMILES:</b>	ON=C(c1ccccc1)c1cccn1
<b>Mol. weight [g/mol]:</b>	198.22
<b>CAS:</b>	1826-28-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	2.308		Crippen Method
mcvol	153.950	ml/mol	McGowan Method

## 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=C1826284&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1826284&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/21-310-3/Methanone-phenyl-2-pyridinyl-oxime.pdf>

Generated by Cheméo on 2024-04-25 19:14:53.629263287 +0000 UTC m=+16361742.549840604.

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