

# Piperidine, 1-(1-methylethyl)-

<b>Other names:</b>	1-Isopropyl-piperidine N-isopropylpiperidine
<b>Inchi:</b>	InChI=1S/C8H17N/c1-8(2)9-6-4-3-5-7-9/h8H,3-7H2,1-2H3
<b>InchiKey:</b>	KXIXHISTUVHOCY-UHFFFAOYSA-N
<b>Formula:</b>	C8H17N
<b>SMILES:</b>	CC(C)N1CCCCC1
<b>Mol. weight [g/mol]:</b>	127.23
<b>CAS:</b>	766-79-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.75		Crippen Method
logp	1.881		Crippen Method
mcvol	122.700	ml/mol	McGowan Method
rinpol	933.00		NIST Webbook
rinpol	923.00		NIST Webbook
rinpol	923.00		NIST Webbook

## Sources

<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>
<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=C766790&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C766790&amp;Units=SI</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/57-115-1/Piperidine-1-1-methylethyl.pdf>

Generated by Cheméo on 2024-04-20 07:51:23.307999352 +0000 UTC m=+15888732.228576664.

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