

# N-Allyl morpholine

<b>Other names:</b>	Allylmorpholine N-Allylmorpholine Morpholine, 4-(2-propenyl)- Morpholine, 4-allyl-
<b>Inchi:</b>	InChI=1S/C7H13NO/c1-2-3-8-4-6-9-7-5-8/h2H,1,3-7H2
<b>InchiKey:</b>	SUSANAYXICMXBL-UHFFFAOYSA-N
<b>Formula:</b>	C7H13NO
<b>SMILES:</b>	C=CCN1CCOCC1
<b>Mol. weight [g/mol]:</b>	127.18
<b>CAS:</b>	696-57-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	0.505		Crippen Method
mcvol	110.180	ml/mol	McGowan Method

## 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=C696571&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C696571&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

Latest version available from:

<https://www.chemeo.com/cid/27-033-5/N-Allyl-morpholine.pdf>

Generated by Cheméo on 2024-04-20 11:20:46.409567557 +0000 UTC m=+15901295.330144869.

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