

# 4-(2-Hydroxypropyl)morpholine

<b>Other names:</b>	1-N-Morpholino-2-propanol N-(«beta»-Hydroxypropyl)morpholine N-(2-Hydroxypropyl)morpholine 4-Morpholineethanol, «alpha»-methyl- 1-Morpholino-2-propanol «alpha»-Methyl-4-morpholineethanol Alpha-methyl-4-morpholineethanol
<b>Inchi:</b>	InChI=1S/C7H15NO2/c1-7(9)6-8-2-4-10-5-3-8/h7,9H,2-6H2,1H3
<b>InchiKey:</b>	YAXQOLYGKLGQKA-UHFFFAOYSA-N
<b>Formula:</b>	C7H15NO2
<b>SMILES:</b>	CC(O)CN1CCOCC1
<b>Mol. weight [g/mol]:</b>	145.20
<b>CAS:</b>	2109-66-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.32		Crippen Method
logp	-0.301		Crippen Method
mcpvol	120.350	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=C2109662&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2109662&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/15-849-3/4-2-Hydroxypropyl-morpholine.pdf>

Generated by Cheméo on 2024-04-20 03:56:50.08182952 +0000 UTC m=+15874659.002406832.

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