

# Octanoic acid, morpholide

<b>Other names:</b>	1-Octanone, 1-(4-morpholinyl)- 4-octanoylmorpholine
<b>Inchi:</b>	InChI=1S/C12H23NO2/c1-2-3-4-5-6-7-12(14)13-8-10-15-11-9-13/h2-11H2,1H3
<b>InchiKey:</b>	UFRIDVIGOZTLPL-UHFFFAOYSA-N
<b>Formula:</b>	C12H23NO2
<b>SMILES:</b>	CCCCCCCC(=O)N1CCOCC1
<b>Mol. weight [g/mol]:</b>	213.32
<b>CAS:</b>	5338-65-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.17		Crippen Method
logp	2.206		Crippen Method
mcvol	186.500	ml/mol	McGowan Method
rinpol	1725.00		NIST Webbook
rinpol	1725.00		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=C5338658&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5338658&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

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