

# Moclobemide

**Other names:** Benzamide, 4-chloro-N-(2-(4-morpholinyl)ethyl)-  
4-Chloro-N-(2-(4-morpholinyl)ethyl)benzamide  
RO 11-1163  
p-Chloro-N-(2-morpholinoethyl)benzamide  
Aurorix  
Manerix  
Moclaime  
Moclamide  
Ro-11-1163/000  
Auromid

**Inchi:** InChI=1S/C13H17ClN2O2/c14-12-3-1-11(2-4-12)13(17)15-5-6-16-7-9-18-10-8-16/h1-4H,

**InchiKey:** YHXISWVBGDMDLQ-UHFFFAOYSA-N

**Formula:** C13H17ClN2O2

**SMILES:** O=C(NCCN1CCOCC1)c1ccc(Cl)cc1

**Mol. weight [g/mol]:** 268.74

**CAS:** 71320-77-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.15		Crippen Method
logp	1.402		Crippen Method
mcvol	199.050	ml/mol	McGowan Method
rinpola	2210.00		NIST Webbook
rinpola	2210.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C71320779&Units=SI>

# 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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