

# Muzolimine

**Inchi:** InChI=1S/C11H11Cl2N3O/c1-6(16-11(17)5-10(14)15-16)7-2-3-8(12)9(13)4-7/h2-4,6H,5H  
**InchiKey:** RLWRMIYXDPXIEX-UHFFFAOYSA-N  
**Formula:** C11H11Cl2N3O  
**SMILES:** CC(c1ccc(Cl)c(Cl)c1)N1N=C(N)CC1=O  
**Mol. weight [g/mol]:** 272.13  
**CAS:** 55294-15-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.68		Crippen Method
logp	2.559		Crippen Method
mcvol	182.920	ml/mol	McGowan Method
rinpol	2420.00		NIST Webbook
rinpol	2420.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55294150&Units=SI>  
**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>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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