

# Mesuximide, M (HO-) isomer 1, AC

**Inchi:** InChI=1S/C14H15NO4/c1-9(16)19-11-6-4-10(5-7-11)14(2)8-12(17)15(3)13(14)18/h4-7H,  
**InchiKey:** UFBITGJZEWXIBN-UHFFFAOYSA-N  
**Formula:** C14H15NO4  
**SMILES:** CC(=O)Oc1ccc(C2(C)CC(=O)N(C)C2=O)cc1  
**Mol. weight [g/mol]:** 261.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	1.258		Crippen Method
mcvol	194.060	ml/mol	McGowan Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R255657&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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