

# 9-Acetyltrachelanthamide

**Inchi:** InChI=1S/C10H17NO2/c1-8(12)13-7-9-4-6-11-5-2-3-10(9)11/h9-10H,2-7H2,1H3/t9-,10-/m  
**InchiKey:** RHGLPNYASVWIET-NXEZZACHSA-N  
**Formula:** C10H17NO2  
**SMILES:** CC(=O)OCC1CCN2CCCC12  
**Mol. weight [g/mol]:** 183.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	1.034		Crippen Method
mcvol	147.460	ml/mol	McGowan Method
rinpole	1395.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R187396&Units=SI>

## Legend

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

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