

# Sarcosine, N-(2-furoyl)-, pentyl ester

**Inchi:** InChI=1S/C13H19NO4/c1-3-4-5-8-18-12(15)10-14(2)13(16)11-7-6-9-17-11/h6-7,9H,3-5,8  
**InchiKey:** BCUJPDREMGIGEI-UHFFFAOYSA-N  
**Formula:** C13H19NO4  
**SMILES:** CCCCCOC(=O)CN(C)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 253.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.72		Crippen Method
logp	2.085		Crippen Method
mcvol	199.430	ml/mol	McGowan Method
rinpol	1920.00		NIST Webbook
rinpol	1920.00		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=U321435&Units=SI>

## 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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