

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

**Inchi:** InChI=1S/C15H23NO4/c1-3-4-5-6-7-10-20-14(17)12-16(2)15(18)13-9-8-11-19-13/h8-9,1  
**InchiKey:** SBPNFLTUYZFPB-UHFFFAOYSA-N  
**Formula:** C15H23NO4  
**SMILES:** CCCCCCOC(=O)CN(C)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 281.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.56		Crippen Method
logp	2.865		Crippen Method
mcvol	227.610	ml/mol	McGowan Method
rinpol	2128.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U321437&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)

## 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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