

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

**Inchi:** InChI=1S/C12H17NO4/c1-3-4-7-17-11(14)9-13(2)12(15)10-6-5-8-16-10/h5-6,8H,3-4,7,9H  
**InchiKey:** HZUFLZKYCLCFBQ-UHFFFAOYSA-N  
**Formula:** C12H17NO4  
**SMILES:** CCCOC(=O)CN(C)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 239.27

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -6.30   |        | Crippen Method |
| logp          | 1.695   |        | Crippen Method |
| mcvol         | 185.340 | ml/mol | McGowan Method |
| rinpol        | 1826.00 |        | NIST Webbook   |
| rinpol        | 1826.00 |        | NIST Webbook   |

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U321434&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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

Latest version available from:

<https://www.cheméo.com/cid/91-282-8/Sarcosine-N-2-furoyl-butyl-ester.pdf>

Generated by Cheméo on 2025-12-06 03:45:32.097732957 +0000 UTC m=+4740929.627773612.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.