

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

**Inchi:** InChI=1S/C17H27NO4/c1-3-4-5-6-7-8-9-12-22-16(19)14-18(2)17(20)15-11-10-13-21-15/  
**InchiKey:** GNHONRYXXGJITM-UHFFFAOYSA-N  
**Formula:** C17H27NO4  
**SMILES:** CCCCCCCCCOC(=O)CN(C)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 309.40

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -8.40   |        | Crippen Method |
| logp          | 3.645   |        | Crippen Method |
| mcvol         | 255.790 | ml/mol | McGowan Method |
| rinpol        | 2289.00 |        | NIST Webbook   |
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U321439&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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