

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

**Inchi:** InChI=1S/C26H45NO4/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-21-31-25(28)23-27  
**InchiKey:** XYVKXYHAJRGXMI-UHFFFAOYSA-N  
**Formula:** C26H45NO4  
**SMILES:** CCCCCCCCCCCCCCCCCOC(=O)CN(C)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 435.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.16		Crippen Method
logp	7.156		Crippen Method
mcvol	382.600	ml/mol	McGowan Method

## 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=U321447&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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