

Sarcosine, N-(2-furoyl)-, hexadecyl ester

Inchi: InChI=1S/C24H41NO4/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-19-29-23(26)21-25(2)24(2)
InchiKey: INILSIVDBCHCRC-UHFFFAOYSA-N
Formula: C24H41NO4
SMILES: CCCCCCCCCCCCCCOC(=O)CN(C)C(=O)c1ccco1
Mol. weight [g/mol]: 407.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.33		Crippen Method
logp	6.376		Crippen Method
mcvol	354.420	ml/mol	McGowan Method

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U321445&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: 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

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