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

Inchi: InChI=1S/C18H29NO4/c1-3-4-5-6-7-8-9-10-13-23-17(20)15-19(2)18(21)16-12-11-14-22-
InchiKey: ZDOQUOPVCNDCQS-UHFFFAOYSA-N
Formula: C18H29NO4
SMILES: CCCCCCCCCCOC(=O)CN(C)C(=O)c1ccco1
Mol. weight [g/mol]: 323.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.82		Crippen Method
logp	4.036		Crippen Method
mcvol	269.880	ml/mol	McGowan Method
rinpol	2437.00		NIST Webbook
rinpol	2437.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: 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=U321440&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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