Sarcosine, N-(2-thienylcarbonyl)-, tetradecyl ester

Inchi: InChI=1S/C22H37NO3S/c1-3-4-5-6-7-8-9-10-11-12-13-14-17-26-21(24)19-23(2)22(25)20
InchiKey: SACMUAJKMGPHMR-UHFFFAOYSA-N
Formula: C22H37NO3S
SMILES: CCCCCCCCCCCCCCOC(=O)CN(C)C(=O)c1cccs1
Mol. weight [g/mol]: 395.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.51		Crippen Method
logp	6.064		Crippen Method
mcvol	336.720	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U321474&Units=SI
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

Legend

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