

# Sarcosine, N-(2-thienylcarbonyl)-, undecyl ester

Inchi:	InChI=1S/C19H31NO3S/c1-3-4-5-6-7-8-9-10-11-14-23-18(21)16-20(2)19(22)17-13-12-15
InchiKey:	CNWALIJD AOCYFT-UHFFFAOYSA-N
Formula:	C19H31NO3S
SMILES:	CCCCCCCCCOC(=O)CN(C)C(=O)c1cccs1
Mol. weight [g/mol]:	353.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.26		Crippen Method
logp	4.894		Crippen Method
mcvol	294.450	ml/mol	McGowan Method
rinpol	2767.00		NIST Webbook

## Sources

McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U321472&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U321472&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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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