

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

Inchi:	InChI=1S/C23H39NO3S/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-18-27-22(25)20-24(2)23(26)
InchiKey:	BLXWYULJLZTIJH-UHFFFAOYSA-N
Formula:	C23H39NO3S
SMILES:	CCCCCCCCCCCCCOC(=O)CN(C)C(=O)c1cccs1
Mol. weight [g/mol]:	409.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.93		Crippen Method
logp	6.455		Crippen Method
mcvol	350.810	ml/mol	McGowan Method

## 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=U321475&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U321475&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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

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