

Sarcosine, N-(2-thiophenylacetyl)-, pentadecyl ester

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|----------------------|---|
| Inchi: | InChI=1S/C24H41NO3S/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-18-28-24(27)21-25(2)23(26) |
| InchiKey: | FDIKYTMKVMIKQQ-UHFFFAOYSA-N |
| Formula: | C24H41NO3S |
| SMILES: | CCCCCCCCCCCCCCCCOC(=O)CN(C)C(=O)Cc1cccs1 |
| Mol. weight [g/mol]: | 423.65 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -6.77 | | Crippen Method |
| logp | 6.383 | | Crippen Method |
| mcvol | 364.900 | ml/mol | McGowan Method |

Sources

| | |
|-----------------|---|
| 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=U321371&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

Legend

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

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<https://www.chemeo.com/cid/95-683-9/Sarcosine-N-2-thiophenylacetyl-pentadecyl-ester.pdf>

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