

L-Proline, N-(furoyl-2)-, heptadecyl ester

Inchi: InChI=1S/C27H45NO4/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-22-32-27(30)24-19-17-
InchiKey: QTRNVKDNBOOFCN-UHFFFAOYSA-N
Formula: C27H45NO4
SMILES: CCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1ccc1
Mol. weight [g/mol]: 447.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.59		Crippen Method
logp	7.299		Crippen Method
mcvol	385.830	ml/mol	McGowan Method
rinpol	3458.00		NIST Webbook
rinpol	3458.00		NIST Webbook

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=U346118&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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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<https://www.chemeo.com/cid/94-794-7/L-Proline-N-furoyl-2-heptadecyl-ester.pdf>

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