L-Proline, N-(3-methylbenzoyl)-, decyl ester

Inchi: InChI=1S/C23H35NO3/c1-3-4-5-6-7-8-9-10-17-27-23(26)21-15-12-16-24(21)22(25)20-14
InchiKey: LZBPDZXAGHBFLT-UHFFFAOYSA-N
Formula: C23H35NO3
SMILES: CCCCCCCCCCOC(=O)C1CCCN1C(=O)c1cccc(C)c1
Mol. weight [g/mol]: 373.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.40		Crippen Method
logp	5.284		Crippen Method
mcvol	319.300	ml/mol	McGowan Method
rinpol	2934.00		NIST Webbook
rinpol	2934.00		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=U346260&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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