

L-Proline, N-(3-fluoro-5-trifluoromethylbenzoyl)-, dodecyl ester

InChI: InChI=1S/C25H35F4NO3/c1-2-3-4-5-6-7-8-9-10-11-15-33-24(32)22-13-12-14-30(22)23(32)21
InChIKey: NLBRIIPRFXOLNB-UHFFFAOYSA-N

Formula: C25H35F4NO3
SMILES: CCCCCCCCCCOC(=O)C1CCCN1C(=O)c1cc(F)cc(C(F)(F)F)c1
Mol. weight [g/mol]: 473.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.20		Crippen Method
logp	6.913		Crippen Method
mcvol	354.560	ml/mol	McGowan Method
rinpol	2826.00		NIST Webbook
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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=U345956&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
rinpol: Non-polar retention indices

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