

L-Proline, N-(2,4,5-trifluoro-3-methoxybenzoyl)-, dodecyl

InChI:
ester

InChI=1S/C25H36F3NO4/c1-3-4-5-6-7-8-9-10-11-12-16-33-25(31)20-14-13-15-29(20)24

InChIKey:

CGICEYNEBQSYMS-UHFFFAOYSA-N

Formula:

C25H36F3NO4

SMILES:

CCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1cc(F)c(F)c(OC)c1F

Mol. weight [g/mol]:

471.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.88		Crippen Method
logp	6.181		Crippen Method
mcvol	358.660	ml/mol	McGowan Method
rinpol	3114.00		NIST Webbook
rinpol	3114.00		NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U346029&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.cheméo.com/doc/models/crippen_log10ws

McGowan Method:

<http://link.springer.com/article/10.1007/BF02311772>

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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