

# L-Proline, N-(3,4-difluorobenzoyl)-, dodecyl ester

<b>Inchi:</b>	InChI=1S/C24H35F2NO3/c1-2-3-4-5-6-7-8-9-10-11-17-30-24(29)22-13-12-16-27(22)23(2)
<b>InchiKey:</b>	BEXMDBIYWVVUII-UHFFFAOYSA-N
<b>Formula:</b>	C24H35F2NO3
<b>SMILES:</b>	CCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1ccc(F)c(F)c1
<b>Mol. weight [g/mol]:</b>	423.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.43		Crippen Method
logp	6.034		Crippen Method
mcvol	336.930	ml/mol	McGowan Method
rinpola	3000.00		NIST Webbook
rinpola	3000.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U345912&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U345912&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpola:</b>	Non-polar retention indices

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