

L-Proline, N-(2,4-difluorobenzoyl)-, heptadecyl ester

Inchi: InChI=1S/C29H45F2NO3/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-22-35-29(34)27-18-1
InchiKey: ZTRUIWDPIYWVSC-UHFFFAOYSA-N
Formula: C29H45F2NO3
SMILES: CCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1ccc(F)cc1F
Mol. weight [g/mol]: 493.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.52		Crippen Method
logp	7.984		Crippen Method
mcvol	407.380	ml/mol	McGowan Method
rinpol	3499.00		NIST Webbook
rinpol	3499.00		NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346047&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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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