

L-Proline, N-(3-fluoro-5-trifluoromethylbenzoyl)-, octyl

Inchi:
ester

InChI=1S/C21H27F4NO3/c1-2-3-4-5-6-7-11-29-20(28)18-9-8-10-26(18)19(27)15-12-16(2

InchiKey:

TZPZMNXVROJQDU-UHFFFAOYSA-N

Formula:

C21H27F4NO3

SMILES:

CCCCCCCCOC(=O)C1CCCN1C(=O)c1cc(F)cc(C(F)(F)F)c1

Mol. weight [g/mol]:

417.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.52		Crippen Method
logp	5.353		Crippen Method
mcvol	298.200	ml/mol	McGowan Method
rinpol	2431.00		NIST Webbook
rinpol	2431.00		NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U345952&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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