

L-Proline, N-(2-fluoro-3-trifluoromethylbenzoyl)-, isohexyl ester

InChI: InChI=1S/C19H23F4NO3/c1-12(2)6-5-11-27-18(26)15-9-4-10-24(15)17(25)13-7-3-8-14(1)
InChIKey: PHNAXRYMBOMTLN-UHFFFAOYSA-N

Formula: C19H23F4NO3
SMILES: CC(C)CCCOC(=O)C1CCCN1C(=O)c1cccc(C(F)(F)F)c1F
Mol. weight [g/mol]: 389.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.45		Crippen Method
logp	4.428		Crippen Method
mcvol	270.020	ml/mol	McGowan Method
rinpol	2260.00		NIST Webbook
rinpol	2260.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U345994&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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