L-Proline, N-(2-fluoro-5-trifluoromethylbenzoyl)-, butyl ester

Inchi: InChI=1S/C17H19F4NO3/c1-2-3-9-25-16(24)14-5-4-8-22(14)15(23)12-10-11(17(19,20)21
InchiKey: QBVVVVSUDMALMO-UHFFFAOYSA-N
Formula: C17H19F4NO3
SMILES: CCCCOC(=O)C1CCCN1C(=O)c1cc(C(F)(F)F)ccc1F
Mol. weight [g/mol]: 361.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.85		Crippen Method
logp	3.792		Crippen Method
mcvol	241.840	ml/mol	McGowan Method
rinpol	2083.00		NIST Webbook
rinpol	2083.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U345919&Units=SI

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.