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

Inchi: InChI=1S/C27H39F4NO3/c1-2-3-4-5-6-7-8-9-10-11-12-13-20-35-26(34)23-18-15-19-32(2
InchiKey: JZCDOQHCCPAKIS-UHFFFAOYSA-N
Formula: C27H39F4NO3
SMILES: CCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1cccc(C(F)(F)F)c1F
Mol. weight [g/mol]: 501.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.04		Crippen Method
logp	7.693		Crippen Method
mcvol	382.740	ml/mol	McGowan Method
rinpol	3140.00		NIST Webbook
rinpol	3140.00		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=U346001&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.