L-Proline, N-(2,5-ditrifluoromethylbenzoyl)-, nonyl ester

Inchi: InChI=1S/C23H29F6NO3/c1-2-3-4-5-6-7-8-14-33-21(32)19-10-9-13-30(19)20(31)17-15-1

InchiKey: DQAQSXKCFASZEB-UHFFFAOYSA-N

Formula: C23H29F6NO3

SMILES: CCCCCCCCCOC(=O)C1CCCN1C(=O)c1cc(C(F)(F)F)ccc1C(F)(F)F

Mol. weight [g/mol]: 481.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.72		Crippen Method
logp	6.623		Crippen Method
mcvol	329.920	ml/mol	McGowan Method
rinpol	2442.00		NIST Webbook
rinpol	2442.00		NIST Webbook

Sources

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=U345981&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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.