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

Inchi: InChI=1S/C19H21F6NO3/c1-2-3-4-10-29-17(28)15-6-5-9-26(15)16(27)13-11-12(18(20,21
InchiKey: ZDOVHVMRNXBEND-UHFFFAOYSA-N
Formula: C19H21F6NO3
SMILES: CCCCCOC(=O)C1CCCN1C(=O)c1cc(C(F)(F)F)ccc1C(F)(F)F
Mol. weight [g/mol]: 425.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.04		Crippen Method
logp	5.062		Crippen Method
mcvol	273.560	ml/mol	McGowan Method
rinpol	2065.00		NIST Webbook
rinpol	2065.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U345977&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.