Isonipecotic acid, N-(3-trifluoromethylbenzoyl)-, pentyl ester

Inchi: InChI=1S/C19H24F3NO3/c1-2-3-4-12-26-18(25)14-8-10-23(11-9-14)17(24)15-6-5-7-16(1

InchiKey: CGSHSGNHMGKHBW-UHFFFAOYSA-N

Formula: C19H24F3NO3

SMILES: CCCCCOC(=O)C1CCN(C(=O)c2cccc(C(F)(F)F)c2)CC1

Mol. weight [g/mol]: 371.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	4.291		Crippen Method
mcvol	268.250	ml/mol	McGowan Method
rinpol	2435.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U361544&Units=SI

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

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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