

# Isonipecotic acid, N-(2-trifluoromethylbenzoyl)-, pentyl ester

**Inchi:** InChI=1S/C19H24F3NO3/c1-2-3-6-13-26-18(25)14-9-11-23(12-10-14)17(24)15-7-4-5-8-1  
**InchiKey:** SJBXJZGVBHHLR-UHFFFAOYSA-N  
**Formula:** C19H24F3NO3  
**SMILES:** CCCCCOC(=O)C1CCN(C(=O)c2ccccc2C(F)(F)F)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	2475.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U361489&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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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