

Product Name	: Telotristat
Synonyms	: LP778902;LP 778902;LP-778902
Cat No.	: M10166
CAS Number	: 1033805-28-5
Molecular Formula	: C ₂₅ H ₂₂ ClF ₃ N ₆ O ₃
Formula Weight	: 546.93
Chemical Name	: L-Phenylalanine, 4-[2-amino-6-[(1R)-1-[4-chloro-2-(3-methyl-1H-pyrazol-1-yl)phenyl]-2,2,2-trifluoroethoxy]-4-pyrimidinyl]-
Description	Telotristat (LP-778902) is a potent, small-molecule inhibitor of peripheral serotonin synthesis, acts by inhibiting tryptophan hydroxylase (TPH) with IC ₅₀ of 28 nM, demonstrates potential for the treatment of carcinoid syndrome. Gastric Cancer Approved
Pathway	: Metabolic Enzyme/Protease
Target	: TPH
Receptor	: TPH
Solubility	: 10 mM in DMSO
SMILES	: <chem>CC1=NN(C=C1)C2=C(C=CC(=C2)Cl)C(C(F)(F)F)OC3=NC(=NC(=C3)C4=CC=C(C=C4)CC(C(=O)O)N)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Margolis KG, et al. Gut. 2014 Jun;63(6):928-37. | 2. Kulke MH, et al. Endocr Relat Cancer. 2014 Oct;21(5):705-14. | 3. Kulke MH, et al. J Clin Oncol. 2017 Jan;35(1):14-23. | 4. Kim JJ, et al. Am J Physiol Gastrointest Liver Physiol.