

Product Name	: LX1606
Synonyms	: Telotristat ethyl; LX 1606; LX-1606
Cat No.	: M10165
CAS Number	: 1033805-22-9
Molecular Formula	: C ₂₇ H ₂₆ ClF ₃ N ₆ O ₃
Formula Weight	: 574.98
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]-, ethyl ester
Description	LX1606 (Telotristat ethyl) 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>CCOC(=O)C(CC1=CC=C(C=C1)C2=CC(=NC(=N2)N)OC(C3=C(C=C(C=C3)Cl)N4C=CC(=N4)C(F)(F)F)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.