



## **Telotristat etiprate**

**Catalog No: tcsc0429** 

Available Sizes
Size: 5mg
Size: 10mg
Size: 50mg
Size: 100mg
Specifications
CAS No: 1137608-69-5
<b>Formula:</b> ${^{C}_{36}}^{H}_{35}{^{CIF}_{3}}^{N}_{7}{^{O}_{6}}$
Pathway: Metabolic Enzyme/Protease
Target: Tryptophan Hydroxylase
Purity / Grade: >98%
Solubility: DMSO : ≥ 28 mg/mL (37.13 mM)
Alternative Names: LX1606 (Hippurate)
<b>Observed Molecular Weight:</b> 754.15





## **Product Description**

Telotristat etiprate (LX1606 Hippurate) is a novel, orally-delivered inhibitor of **tryptophan hydroxylase** that reduces serotonin production.

*In Vivo:* Telotristat ethyl (15, 50, 150, 300 mg/kg, po, qd) reduces serotonin content in the periphery, but not in the brain of the mice. Telotristat ethyl (200 mg/kg po, qd) prevents the increase in blood neutrophil counts that is observed after TNBS challenge, provides significant protection in a mouse model of inflammatory bowel disease. Telotristat ethyl (200 mg/kg po, qd) protects the mouse IBD model confirmed by histopathology evaluation<sup>[1]</sup>. Telotristat ethyl (15, 50, 150, 300 mg/kg) depletes 5-HT from the jejunum but not the brain. But Telotristat ethyl (200 mg/kg, p.o.) does not deplete enteric neuronal serotonin (5-HT), or alter constitutive gastrointestinal motility in mice. Telotristat ethyl (200 mg/kg) alleviates the severity of trinitrobenzene sulfonic acid (TNBS)-induced colitis<sup>[2]</sup>.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!