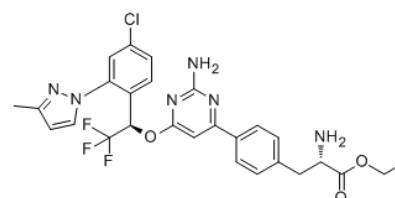


Product Name : LX1606
Cat. No. : PC-43356
CAS No. : 1033805-22-9
Molecular Formula : C₂₇H₂₆ClF₃N₆O₃
Molecular Weight : 574.9819
Target : Tryptophan Hydroxylase (TPH)
Solubility : 10 mM in DMSO



Biological Activity

LX1606 (Telotristat ethyl) is a potent, small-molecule inhibitor of peripheral serotonin synthesis, acts by inhibiting **tryptophan hydroxylase (TPH)** with IC₅₀ of 28 nM.

LX1606 (Telotristat ethyl) demonstrates potential for the treatment of carcinoid syndrome.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com