

Telotristat

Catalog No: tcsc2408



Available Sizes

Size: 2mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

1033805-28-5

Formula:

$C_{25}H_{22}ClF_3N_6O_3$

Pathway:

Metabolic Enzyme/Protease

Target:

Tryptophan Hydroxylase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

LP-778902

Observed Molecular Weight:

546.93

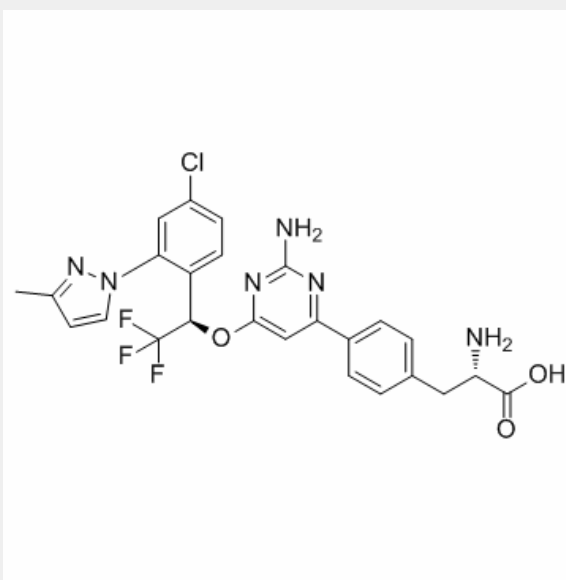
Product Description

Telotristat (LP-778902) is a potent **tryptophan hydroxylase** inhibitor with an *in vivo* **IC₅₀** of 0.028 μ M.

IC50 & Target: IC50: 0.028 μ M (tryptophan hydroxylase)^[1]

In Vitro: Telotristat is the active moiety of telotristat etiprate. Telotristat etiprate is an ethyl ester prodrug which is hydrolyzed to telotristat. Telotristat etiprate is orally available serotonin synthesis inhibitor for the treatment of carcinoid syndrome^[1].

In Vivo: Telotristat etiprate is present in very low levels after oral administration. These low levels are due to rapid hydrolysis into the active moiety telotristat. The half-life ranges from approximately 4-12 h. There is no accumulation of telotristat with multiple dose administration over 2 weeks. Exposure to telotristat is approximately dose proportional^[1].



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