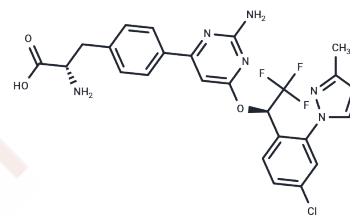


Telotristat

Chemical Properties

CAS No. :	1033805-28-5
Formula:	C ₂₅ H ₂₂ ClF ₃ N ₆ O ₃
Molecular Weight:	546.93
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Telotristat is the active metabolite of LX1606(Telotristat etiprate), which is an orally bioavailable tryptophan hydroxylase (TPH) inhibitor and shows potential antiserotonergic activity.
Targets(IC50)	Hydroxylase

Solubility Information

Solubility	DMSO: 50 mg/mL (91.42 mM),Sonication is recommended. Ethanol: insoluble, H ₂ O: insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.66 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8284 mL	9.1419 mL	18.2839 mL
5 mM	0.3657 mL	1.8284 mL	3.6568 mL
10 mM	0.1828 mL	0.9142 mL	1.8284 mL
50 mM	0.0366 mL	0.1828 mL	0.3657 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Lapuerta P, et al. Telotristat etiprate, a novel inhibitor of serotonin synthesis for the treatment of carcinoid syndrome. Clin. Invest. (Lond.) (2015) 5(5), 447-456

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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