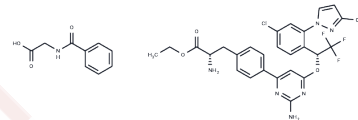


Telotristat Etiprate

Chemical Properties

CAS No. :	1137608-69-5
Formula:	C ₂₇ H ₂₆ ClF ₃ N ₆ O ₃ ·C ₉ H ₉ NO ₃
Molecular Weight:	754.15
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 Etiprate (LX 1606 Hippurate) is an orally bioavailable, tryptophan hydroxylase (TPH) inhibitor with potential antiserotonergic activity.
Targets(IC50)	Hydroxylase
In vivo	Telotristat Etiprate (300 mg/kg p.o.) significantly reduces 5-HT in the gut and blood, but not brain 5-HT. Telotristat Etiprate (200 mg/kg p.o.) alleviates the severity of trinitrobenzene sulfonic acid (TNBS)-induced colitis with lower expression of some genes encoding inflammation-related cytokines and chemokines in mice. [2]

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 100 mg/mL (132.6 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 10 mg/mL (13.26 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	1.326 mL	6.630 mL	13.260 mL
5 mM	0.2652 mL	1.326 mL	2.652 mL
10 mM	0.1326 mL	0.663 mL	1.326 mL
50 mM	0.0265 mL	0.1326 mL	0.2652 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

Pappas C, et al. J Clin Oncol 27, 2009 (suppl; abstr e14555).
Margolis KG, et al. Gut. 2014, 63(6), 928-937.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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