

Telotristat besilate

Chemical Properties

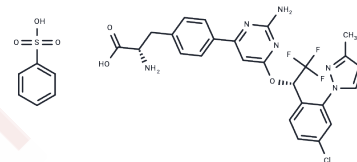
CAS No. : 1374745-52-4

Formula: C₃₁H₂₈ClF₃N₆O₆S

Molecular Weight: 705.11

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 besilate is an inhibitor of tryptophan hydroxylase.
Targets(IC50)	Others,Hydroxylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4182 mL	7.0911 mL	14.1822 mL
5 mM	0.2836 mL	1.4182 mL	2.8364 mL
10 mM	0.1418 mL	0.7091 mL	1.4182 mL
50 mM	0.0284 mL	0.1418 mL	0.2836 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

Kulke MH, O'Dorisio T, Phan A, Bergsland E, Law L, Banks P, Freiman J, Frazier K, Jackson J, Yao JC, Kvols L, Lapuerta P, Zambrowicz B, Fleming D, Sands A. Telotristat etiprate, a novel serotonin synthesis inhibitor, in patients with carcinoid syndrome and diarrhea not adequately controlled by octreotide. *Endocr Relat Cancer*. 2014 Oct;21(5):705-14. doi: 10.1530/ERC-14-0173. Epub 2014 Jul 10. PubMed PMID: 25012985; PubMed Central PMCID: PMC4295770.

Pavel M, Hörsch D, Caplin M, Ramage J, Seufferlein T, Valle J, Banks P, Lapuerta P, Sands A, Zambrowicz B, Fleming D, Wiedenmann B. Telotristat etiprate for carcinoid syndrome: a single-arm, multicenter trial. *J Clin Endocrinol Metab*. 2015 Apr;100(4):1511-9. doi: 10.1210/jc.2014-2247. Epub 2015 Jan 30. PubMed PMID: 25636046.

Kim JJ, Wang H, Terc JD, Zambrowicz B, Yang QM, Khan WI. Blocking peripheral serotonin synthesis by telotristat etiprate (LX1032/LX1606) reduces severity of both chemical- and infection-induced intestinal inflammation. *Am J Physiol Gastrointest Liver Physiol*. 2015 Sep 15;309(6):G455-65. doi: 10.1152/ajpgi.00299.2014. Epub 2015 Jul 23. PubMed PMID: 26206858.

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