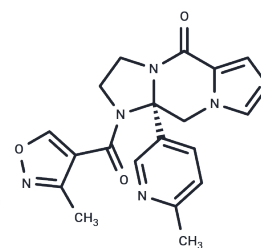


(S)-Enzaplatovir

Chemical Properties

CAS No. :	1323077-88-8
Formula:	C ₂₀ H ₁₉ N ₅ O ₃
Molecular Weight:	377.4
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	(S)-Enzaplatovir ((S)-BTA-C585) is the S-enantiomer of Enzaplatovir, exhibiting antiviral activity with an EC ₅₀ of 56 nM against respiratory syncytial virus (RSV)[1].
Targets(IC50)	Others,RSV

Solubility Information

Solubility	DMSO: 200 mg/mL (529.94 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: 5 mg/mL (13.25 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	2.6497 mL	13.2485 mL	26.4971 mL
5 mM	0.5299 mL	2.6497 mL	5.2994 mL
10 mM	0.265 mL	1.3249 mL	2.6497 mL
50 mM	0.053 mL	0.265 mL	0.5299 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

Jeffrey Peter Mitchell, et al. Compounds for treating respiratory syncytial virus infections. WO2011094823A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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