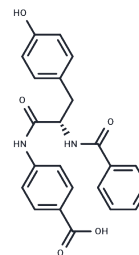


Bentiromide

Chemical Properties

CAS No. :	37106-97-1
Formula:	C ₂₃ H ₂₀ N ₂ O ₅
Molecular Weight:	404.42
Storage:	Store at low temperature, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Bentiromide is a peptide used in the bentiromide test to monitor the adequacy of supplemental pancreatic therapy and to screen exocrine pancreatic insufficiency.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (618.17 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 (24.73 mM), Solution. 10% DMSO+90% Saline: < 10 mg/mL (24.73 mM), Lower concentrations may be soluble, but exact solubility limit is unknown. <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	2.4727 mL	12.3634 mL	24.7268 mL
5 mM	0.4945 mL	2.4727 mL	4.9454 mL
10 mM	0.2473 mL	1.2363 mL	2.4727 mL
50 mM	0.0495 mL	0.2473 mL	0.4945 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

Toskes PP, et al. The bentiromide test for pancreatic exocrine insufficiency. *Pharmacotherapy*. 1984 Mar-Apr;4(2): 74-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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