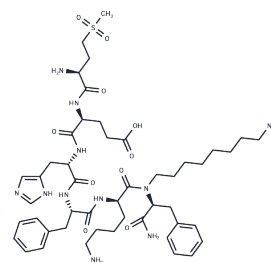


Ebiratide

Chemical Properties

CAS No. :	105250-86-0
Formula:	C ₄₈ H ₇₃ N ₁₁ O ₁₀ S
Molecular Weight:	996.23
Storage:	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	Ebiratide is an analog of ACTH 4-9.
Targets(IC50)	Melanocortin Receptor,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0038 mL	5.0189 mL	10.0378 mL
5 mM	0.2008 mL	1.0038 mL	2.0076 mL
10 mM	0.1004 mL	0.5019 mL	1.0038 mL
50 mM	0.0201 mL	0.1004 mL	0.2008 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

Okagawa T, Fujita T, Murakami M, Yamamoto A, Shimura T, Tabata S, Kondo S, Muranishi S. Susceptibility of ebitatide to proteolysis in rat intestinal fluid and homogenates and its protection by various protease inhibitors. *Life Sci.* 1994;55(9):677-83. PubMed PMID: 8065230.

Matsumoto T, Tsuda S, Nakamura S. The neurotrophic effects of ebitatide, an analog of ACTH4-9, on cultured septal cells and aged rats. *J Neural Transm Gen Sect.* 1995;100(1):1-15. PubMed PMID: 8748659.

Yamamoto A, Okagawa T, Kotani A, Uchiyama T, Shimura T, Tabata S, Kondo S, Muranishi S. Effects of different absorption enhancers on the permeation of ebitatide, an ACTH analogue, across intestinal membranes. *J Pharm Pharmacol.* 1997 Nov;49(11):1057-61. PubMed PMID: 9401937.

Shimura T, Tabata S, Ohnishi T, Terasaki T, Tsuji A. Transport mechanism of a new behaviorally highly potent adrenocorticotrophic hormone (ACTH) analog, ebitatide, through the blood-brain barrier. *J Pharmacol Exp Ther.* 1991 Aug;258(2):459-65. PubMed PMID: 1650827.

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