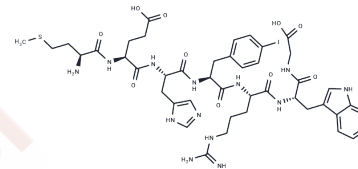


(p-Iodo-Phe7)-ACTH (4-10)

Chemical Properties

CAS No. :	159600-82-5
Formula:	C44H58IN13O10S
Molecular Weight:	1087.98
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	(p-Iodo-Phe7)-ACTH (4-10), a derivative of adrenocorticotrophic hormone (ACTH) produced by the anterior pituitary gland, functions as a melanocortin (MC) receptor antagonist and effectively inhibits α -melanocyte-stimulating hormone (α -MSH)-induced excessive grooming behavior in rats [1].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9191 mL	4.5957 mL	9.1913 mL
5 mM	0.1838 mL	0.9191 mL	1.8383 mL
10 mM	0.0919 mL	0.4596 mL	0.9191 mL
50 mM	0.0184 mL	0.0919 mL	0.1838 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481