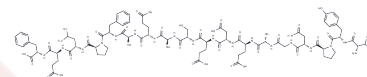


ACTH (22-39)

Chemical Properties

CAS No. :	37548-29-1
Formula:	C90H125N19O32
Molecular Weight:	1985.06
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	ACTH (22-39) is a fragment of the adrenocorticotrophic hormone (ACTH), specifically comprising the 22-39 sequence of ACTH.
Targets(IC50)	Melanocortin Receptor

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5038 mL	2.5188 mL	5.0376 mL
5 mM	0.1008 mL	0.5038 mL	1.0075 mL
10 mM	0.0504 mL	0.2519 mL	0.5038 mL
50 mM	0.0101 mL	0.0504 mL	0.1008 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

McMillen CL, et al. Negative Ion In-Source Decay Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry for Sequencing Acidic Peptides. J Am Soc Mass Spectrom. 2016 May;27(5):847-55.

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