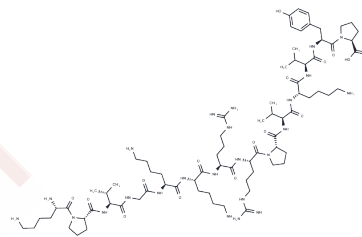


ACTH (11-24)

Chemical Properties

CAS No. :	4237-93-8
Formula:	C77H134N24O16
Molecular Weight:	1652.04
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 (11-24) is a fragment of adrenocorticotrophin, induces cortisol release. ACTH (11-24) has been identified as a competitive antagonist of ACTH (1-39) and ACTH (1-10) in isolated adrenal cells.
Targets(IC50)	Melanocortin Receptor

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6053 mL	3.0266 mL	6.0531 mL
5 mM	0.1211 mL	0.6053 mL	1.2106 mL
10 mM	0.0605 mL	0.3027 mL	0.6053 mL
50 mM	0.0121 mL	0.0605 mL	0.1211 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

Li ZG, et al. Adrenocorticotropin(1-10) and -(11-24) promote adrenal steroidogenesis by different mechanisms. *Endocrinology*. 1989 Aug;125(2):592-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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