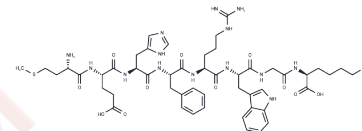


## ACTH (4-11)

## Chemical Properties

CAS No. :	67224-41-3
Formula:	C50H71N15O11S
Molecular Weight:	1090.26
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 (4-11) is a peptide fragment of adrenocorticotrophic hormone, a peptide hormone found in the brain that is involved in the biological stress response.
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	0.9172 mL	4.5861 mL	9.1721 mL
5 mM	0.1834 mL	0.9172 mL	1.8344 mL
10 mM	0.0917 mL	0.4586 mL	0.9172 mL
50 mM	0.0183 mL	0.0917 mL	0.1834 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

Hirobe T, et al. ACTH(4-12) is the minimal message sequence required to induce the differentiation of mouse epidermal melanocytes in serum-free primary culture. J Exp Zool. 2000 May 1;286(6):632-40.

**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