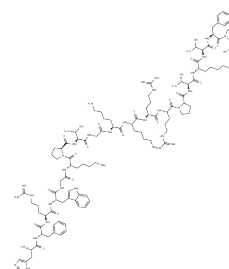


## ACTH (6-24) (human)

## Chemical Properties

CAS No. :	33512-65-1
Formula:	C111H175N35O21
Molecular Weight:	2335.8
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	Adrenocorticotrophic hormone (6-24) (ACTH (6-24) (human)) is a fragment of ACTH that acts as a competitive inhibitor of steroidogenesis prompted by full-length ACTH (1-39) and the shortened ACTH (5-24), with dissociation constants (Kd) of 13.4 nM and 3.4 nM, respectively. It also impedes the production of corticosterone and the accumulation of cyclic AMP (cAMP) triggered by human parathyroid hormone (hPTH 1-34) [1] [2].
Targets(IC50)	Glucocorticoid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4281 mL	2.1406 mL	4.2812 mL
5 mM	0.0856 mL	0.4281 mL	0.8562 mL
10 mM	0.0428 mL	0.2141 mL	0.4281 mL
50 mM	0.0086 mL	0.0428 mL	0.0856 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

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