

ACTH (7-38) (human)

Chemical Properties

CAS No. :	68563-24-6
Formula:	C167H257N47O46
Molecular Weight:	3659.11
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 (7-38) (human) is a fragment (7-38) of the full human adrenocorticotrophic hormone (ACTH (1-39)), also known as corticotropin inhibitory peptide (CIP). It functions as an antagonist to the ACTH receptor and lacks corticosteroid activity [1].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2733 mL	1.3665 mL	2.7329 mL
5 mM	0.0547 mL	0.2733 mL	0.5466 mL
10 mM	0.0273 mL	0.1366 mL	0.2733 mL
50 mM	0.0055 mL	0.0273 mL	0.0547 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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