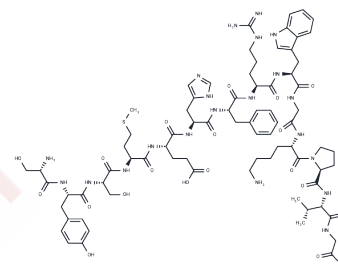


ACTH (1-14)

Chemical Properties

CAS No. :	25696-21-3
Formula:	C77H109N21O20S
Molecular Weight:	1680.88
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 (1-14), a fragment of adrenocorticotropin, governs the production of cortisol and androgens.
Targets(IC50)	Adrenergic 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	0.5949 mL	2.9746 mL	5.9493 mL
5 mM	0.119 mL	0.5949 mL	1.1899 mL
10 mM	0.0595 mL	0.2975 mL	0.5949 mL
50 mM	0.0119 mL	0.0595 mL	0.119 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

Mulabegović N, et al. Pharmacodynamic properties of a combination of met-enkephalin and alpha 1-13 adrenocorticotrophic hormone. Med Arh. 2008;62(1):41-4.

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