

## ACTH (1-14) TFA (25696-21-3 free base)

## Chemical Properties

CAS No. :

Formula: C79H110F3N21O22S

Molecular Weight: 1794.9

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	ACTH (1-14) (TFA) is a polypeptide of corticotrophin, which promotes the release of cortisol.
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## 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	0.5571 mL	2.7857 mL	5.5713 mL
5 mM	0.1114 mL	0.5571 mL	1.1143 mL
10 mM	0.0557 mL	0.2786 mL	0.5571 mL
50 mM	0.0111 mL	0.0557 mL	0.1114 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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