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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ACTH 1-14 acetate(25696-21-3 free base)

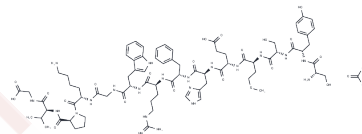
Chemical Properties

CAS No. :

Formula: C79H113N21O22S

Molecular Weight: 1740.96

Appearance: no data available

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

Biological Description

Description	ACTH 1-14 acetate(25696-21-3 free base) (Adrenocorticotrophic Hormone Fragment 1-14 acetate) is a fragment of adrenocorticotrophin, which regulates cortisol and androgen production. Adrenocorticotrophic hormone (ACTH), also known as corticotropin, is produced and secreted by the anterior pituitary gland. ACTH is an important component of the hypothalamic-pituitary-adrenal axis as a response to biological stress.
Targets(IC50)	Adrenergic Receptor
In vitro	Adrenocorticotrophic hormone (ACTH) is a tropic hormone produced by the anterior pituitary, regulates cortisol and androgen production and is associated with Addison disease, Cushing syndrome and Cushing disease[1].

Solubility Information

Solubility	DMSO: 2.5 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5744 mL	2.872 mL	5.744 mL
5 mM	0.1149 mL	0.5744 mL	1.1488 mL
10 mM	0.0574 mL	0.2872 mL	0.5744 mL
50 mM	0.0115 mL	0.0574 mL	0.1149 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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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