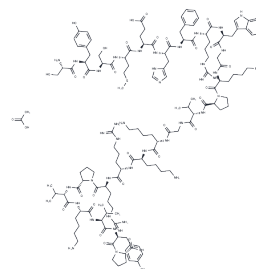


Tetracosactide acetate

Chemical Properties

CAS No. :	60189-34-6
Formula:	C ₁₃₈ H ₂₁₄ N ₄ O ₃₃ S
Molecular Weight:	2993.54
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	Cosyntropin (acetate) stimulates the release of corticosteroids such as cortisol from the adrenal gland.
Targets(IC50)	Others, Melanocortin Receptor, CRFR

Solubility Information

Solubility	PBS (pH 7.2): 10 mg/mL (3.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3341 mL	1.6703 mL	3.3405 mL
5 mM	0.0668 mL	0.3341 mL	0.6681 mL
10 mM	0.0334 mL	0.167 mL	0.3341 mL
50 mM	0.0067 mL	0.0334 mL	0.0668 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

Francesco Iuliano, et al. Adding Slow Release Tetracosactide Acetate to Eltrombopag Improves Haematological Response in ITP Patients with Platelet-Count Fluctuation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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