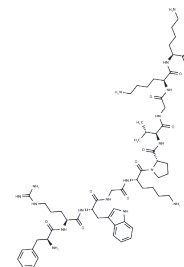


Acth (7-16)NH2

Chemical Properties

CAS No. :	57241-86-8
Formula:	C58H92N18O10
Molecular Weight:	1201.47
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 (7-16)NH2 exhibits neurotrophic effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8323 mL	4.1616 mL	8.3231 mL
5 mM	0.1665 mL	0.8323 mL	1.6646 mL
10 mM	0.0832 mL	0.4162 mL	0.8323 mL
50 mM	0.0166 mL	0.0832 mL	0.1665 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

Wolterink G, van Ree JM. Behavioral and neurotrophic activity of ACTH-(7-16)NH₂. Life Sci. 1989;45(8):703-10. PubMed PMID: 2550713.

Versteeg DH, Florijn WJ, Holtmaat AJ, Gispen WH, De Wildt DJ. Synchronism of pressor response and grooming behavior in freely moving, conscious rats following intracerebroventricular administration of ACTH/MSH-like peptides. Brain Res. 1993 Dec 24;631(2):265-9. PubMed PMID: 8131054.

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