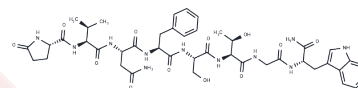


Adipokinetic hormone (Gryllus bimaculatus)

Chemical Properties

CAS No. :	113800-65-0
Formula:	C43H57N11O12
Molecular Weight:	919.98
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	Adipokinetic hormone Gryllus bimaculatus (Grybi-AKH), an adipokinetic hormone, mobilizes lipids and carbohydrates from the insect fat body, regulating energy homeostasis. It also enhances the locomotor activity of the two-spotted cricket and has potential applications in human medical studies for body weight regulation, weight loss induction, and alleviation of glycogen storage disorders [1] [2] [3].
In vivo	Adipokinetic hormone from Gryllus bimaculatus (100 pmol/per; topical application; single) enhances locomotive behavior by elevating haemolymph lipid levels [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.087 mL	5.4349 mL	10.8698 mL
5 mM	0.2174 mL	1.087 mL	2.174 mL
10 mM	0.1087 mL	0.5435 mL	1.087 mL
50 mM	0.0217 mL	0.1087 mL	0.2174 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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