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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Melanostatin, frog

Chemical Properties

CAS No. : 134709-16-3
Formula: C₁₈H₂₈N₅O₅S
Molecular Weight: 4243.67
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Melanostatin, frog, is an inhibitor of α -melanocyte-stimulating hormone (α -MSH) release, with an IC ₅₀ of 60 nM [1] [2].
In vitro	Melanostatin, a frog compound at 1 μ M concentration, enhances potassium current while reducing sodium and calcium currents, leading to hyperpolarization of the cell membrane [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2356 mL	1.1782 mL	2.3565 mL
5 mM	0.0471 mL	0.2356 mL	0.4713 mL
10 mM	0.0236 mL	0.1178 mL	0.2356 mL
50 mM	0.0047 mL	0.0236 mL	0.0471 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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