

wt hMLN

Chemical Properties

CAS No. :

Formula: C245H404N54O66S

Molecular Weight: 5194.22

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Wild-type human myoregulin (wt hMLN) is a microprotein that inhibits the sarcoplasmic reticulum Ca ²⁺ pump (SERCA), playing a crucial role in the regulation of calcium homeostasis in skeletal muscle [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1925 mL	0.9626 mL	1.9252 mL
5 mM	0.0385 mL	0.1925 mL	0.385 mL
10 mM	0.0193 mL	0.0963 mL	0.1925 mL
50 mM	0.0039 mL	0.0193 mL	0.0385 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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