

Na²⁺ - Ca²⁺ Exchanger inhibitory peptide

Chemical Properties

CAS No. :

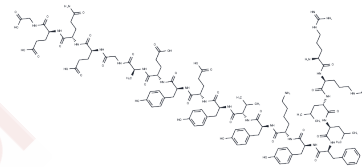
Formula: C112H161N27O33

Molecular Weight: 2413.64

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	Na ⁺ -Ca ²⁺ Exchanger inhibitory peptide (XIP) is an inhibitor of the Na ⁺ -Ca ²⁺ exchanger with a K _i of 200 nM. It acts non-competitively to inhibit Na ⁺ -dependent Ca ²⁺ uptake and Na ⁺ -dependent Ca ²⁺ efflux in sarcolemmal vesicles.
Targets(IC50)	Na ⁺ /Ca ²⁺ Exchanger

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4143 mL	2.0716 mL	4.1431 mL
5 mM	0.0829 mL	0.4143 mL	0.8286 mL
10 mM	0.0414 mL	0.2072 mL	0.4143 mL
50 mM	0.0083 mL	0.0414 mL	0.0829 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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