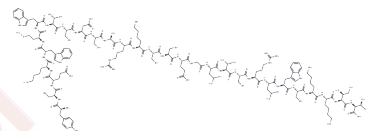


Phrixotoxin-1

Chemical Properties

CAS No. :	221872-97-5
Formula:	C156H246N44O37S7
Molecular Weight:	3554.35
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	Phrixotoxin 1, a specific peptide inhibitor of Kv4 potassium channels, originates from the venom of the theraphosid spider Phrixotrichus auratus [1] [2].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2813 mL	1.4067 mL	2.8135 mL
5 mM	0.0563 mL	0.2813 mL	0.5627 mL
10 mM	0.0281 mL	0.1407 mL	0.2813 mL
50 mM	0.0056 mL	0.0281 mL	0.0563 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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