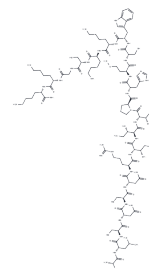


Tertiapin

Chemical Properties

CAS No. :	58694-52-3
Formula:	C106H180N34O23S5
Molecular Weight:	2459.1
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	Tertiapin (reduced) is a synthetic bee venom peptide characterized by disulfide bonds between Cys3-Cys14 and Cys5-Cys18. It acts as an inhibitor of inward-rectifying potassium channels (potassium Channel) and can also block the activity of calcium-activated large conductance potassium channels. Tertiapin (reduced) is utilized in research related to diseases such as rheumatoid arthritis and multiple sclerosis.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4067 mL	2.0333 mL	4.0665 mL
5 mM	0.0813 mL	0.4067 mL	0.8133 mL
10 mM	0.0407 mL	0.2033 mL	0.4067 mL
50 mM	0.0081 mL	0.0407 mL	0.0813 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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