

Tertiapin-Q acetate

Chemical Properties

CAS No. :

Formula: C108H179N35O26S4

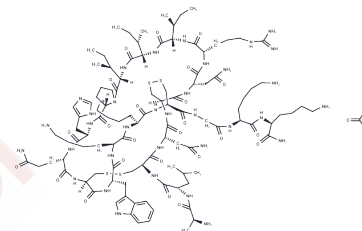
Molecular Weight: 2512.06

Storage:

Keep away from direct sunlight, Keep away from moisture

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	Tertiapin-Q acetate is a bee toxin derivative that inhibits BK-type K(+) channels in a concentration-dependent manner and inhibits efflux to K(+).
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3981 mL	1.9904 mL	3.9808 mL
5 mM	0.0796 mL	0.3981 mL	0.7962 mL
10 mM	0.0398 mL	0.199 mL	0.3981 mL
50 mM	0.008 mL	0.0398 mL	0.0796 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.

Reference

Picton LD, et al. Mechanisms underlying the endogenous dopaminergic inhibition of spinal locomotor circuit function in *Xenopus* tadpoles. *Sci Rep.* 2016 Oct 20;6:35749.

Günther T, et al. Research Resource: Real-Time Analysis of Somatostatin and Dopamine Receptor Signaling in Pituitary Cells Using a Fluorescence-Based Membrane Potential Assay. *Mol Endocrinol.* 2016 Apr;30(4):479-90.

Chiba T, et al. Influences of rapid pacing-induced electrical remodeling on pharmacological manipulation of the atrial refractoriness in rabbits. *J Pharmacol Sci.* 2016 Mar;130(3):170-6.

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