

Pandinotoxin K $\alpha$ 

## Chemical Properties

CAS No. :	185529-64-0
Formula:	C169H267N53O48S7
Molecular Weight:	4033.71
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	Pandinotoxin K $\alpha$ , a chemical compound extracted from the emperor scorpion (Pandinus imperator) venom, functions as an inhibitor of the A-type potassium channel [1].
Targets(IC50)	Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2479 mL	1.2396 mL	2.4791 mL
5 mM	0.0496 mL	0.2479 mL	0.4958 mL
10 mM	0.0248 mL	0.124 mL	0.2479 mL
50 mM	0.005 mL	0.0248 mL	0.0496 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.

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