

Kaliotoxin (1-37)

Chemical Properties

CAS No. :	150769-72-5
Formula:	C165H271N53O48S8
Molecular Weight:	4018.82
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	Kaliotoxin (1-37), a toxin derived from the scorpion <i>Androctonus mauretanicus mauretanicus</i> , acts as a potent blocker of calcium-dependent potassium channels [1].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2488 mL	1.2441 mL	2.4883 mL
5 mM	0.0498 mL	0.2488 mL	0.4977 mL
10 mM	0.0249 mL	0.1244 mL	0.2488 mL
50 mM	0.005 mL	0.0249 mL	0.0498 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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