

HsTX1

Chemical Properties

CAS No. :	201948-00-7
Formula:	C149H246N54O46S9
Molecular Weight:	3818.47
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	HsTX1, a 34-residue, C-terminally amidated peptide isolated from the scorpion <i>Heterometrus spinnifer</i> , features four disulfide bridges and acts as a potassium channel inhibitor. It exhibits an IC50 of 12 pM for Kv1.3, impeding T EM cell activation and diminishing inflammation in autoimmune conditions [1] [2] [3].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2619 mL	1.3094 mL	2.6188 mL
5 mM	0.0524 mL	0.2619 mL	0.5238 mL
10 mM	0.0262 mL	0.1309 mL	0.2619 mL
50 mM	0.0052 mL	0.0262 mL	0.0524 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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