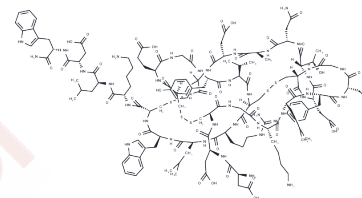


Heteropodatoxin-2

Chemical Properties

CAS No. :	741730-12-1
Formula:	C144H207N39O46S6
Molecular Weight:	3412.81
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	Heteropodatoxin-2, a 30-amino acid peptide, inhibits the Kv4.2 current in <i>Xenopus laevis</i> oocytes through a voltage-dependent mechanism, exhibiting reduced blocking at more positive potentials [1].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.293 mL	1.4651 mL	2.9301 mL
5 mM	0.0586 mL	0.293 mL	0.586 mL
10 mM	0.0293 mL	0.1465 mL	0.293 mL
50 mM	0.0059 mL	0.0293 mL	0.0586 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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