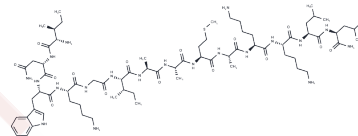


Mastoparan X

Chemical Properties

CAS No. :	72093-22-2
Formula:	C73H126N20O15S
Molecular Weight:	1555.97
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	Mastoparan X, a tetradecapeptide derived from wasp venom, functions as a GTP-binding regulatory protein (G protein)-activating peptide. It directly activates G proteins coupled to phospholipase C, inducing secretion in various cell types [1].
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6427 mL	3.2134 mL	6.4269 mL
5 mM	0.1285 mL	0.6427 mL	1.2854 mL
10 mM	0.0643 mL	0.3213 mL	0.6427 mL
50 mM	0.0129 mL	0.0643 mL	0.1285 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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