

## Noxiustoxin

## Chemical Properties

CAS No. :	85205-49-8
Formula:	C174H286N52O54S7
Molecular Weight:	4195
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	Noxiustoxin, a toxin extracted from the venom of the Mexican scorpion <i>Centruroides noxius</i> , inhibits both the voltage-dependent potassium channel (Kv1.3, IC50 = 360 nM) and the calcium-activated potassium channel. It is significant in the pathophysiology of neuroinflammatory diseases [1] [2].
Targets(IC50)	Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2384 mL	1.1919 mL	2.3838 mL
5 mM	0.0477 mL	0.2384 mL	0.4768 mL
10 mM	0.0238 mL	0.1192 mL	0.2384 mL
50 mM	0.0048 mL	0.0238 mL	0.0477 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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