

## Ceratoxin-2

## Chemical Properties

CAS No. :	880885-98-3
Formula:	C177H260N52O49S6
Molecular Weight:	4092.67
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	Ceratoxin-2 (CcoTx2) is a voltage-gated sodium channel inhibitor with half maximal inhibitory concentrations (IC50) of 8 nM for Na v 1.2/ $\beta$ 1 and 88 nM for Na v 1.3/ $\beta$ 1 [1].
Targets(IC50)	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2443 mL	1.2217 mL	2.4434 mL
5 mM	0.0489 mL	0.2443 mL	0.4887 mL
10 mM	0.0244 mL	0.1222 mL	0.2443 mL
50 mM	0.0049 mL	0.0244 mL	0.0489 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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