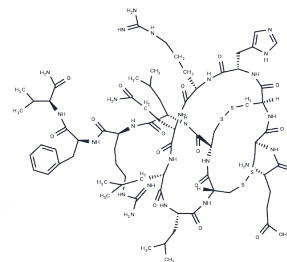


## Tau conotoxin CnVA

## Chemical Properties

CAS No. :	1436463-45-4
Formula:	C72H116N24O17S4
Molecular Weight:	1718.1
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	Tau conotoxin CnVA, a small peptide found in the venom of <i>Conus consors</i> (cone snail), is a member of the T1 cone snail peptide superfamily. It demonstrates high selectivity for the somatostatin sst3 receptor with a $K_i$ value of 1.5 $\mu$ M. Tau conotoxin CnVA is unique as the only known toxin interacting with this subfamily of G protein-coupled receptors (GPCR). This compound is useful for research related to diseases associated with the sst3 receptor, such as pancreatic cancer or pituitary adenomas.
Targets(IC50)	Somatostatin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.582 mL	2.9102 mL	5.8204 mL
5 mM	0.1164 mL	0.582 mL	1.1641 mL
10 mM	0.0582 mL	0.291 mL	0.582 mL
50 mM	0.0116 mL	0.0582 mL	0.1164 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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