

## Spantide I TFA

## Chemical Properties

CAS No. :

Formula: C77H109F3N20O15

Molecular Weight: 1611.81

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Spantide I TFA, a selective NK1 receptor antagonist and a substance P analog, exhibits K <sub>i</sub> values of 230 nM for NK1 and 8150 nM for NK2 receptors, respectively. It offers a method to decrease type 1 while increasing type 2 cytokine IL-10 in the infected cornea, significantly reducing corneal perforation [1] [2] [3].
Targets(IC50)	Neurokinin receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6204 mL	3.1021 mL	6.2042 mL
5 mM	0.1241 mL	0.6204 mL	1.2408 mL
10 mM	0.062 mL	0.3102 mL	0.6204 mL
50 mM	0.0124 mL	0.062 mL	0.1241 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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