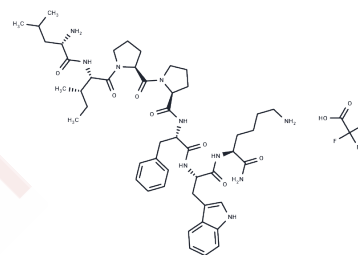


## Cardiotoxin Analog (CTX) IV (6-12) TFA

### Chemical Properties

CAS No. :	2918768-05-3
Formula:	C50H71F3N10O9
Molecular Weight:	1013.16
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	Cardiotoxin Analog (CTX) IV (6-12) TFA, a partial peptide of Cardiotoxin Analog IV, is derived from the venom of the Taiwan Cobra, showcasing the unique properties of snake venom cardiotoxin.
Targets(IC50)	Apoptosis,Others

### Solubility Information

Solubility	H2O: 125 mg/mL (123.38 mM), ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.987 mL	4.9351 mL	9.8701 mL
5 mM	0.1974 mL	0.987 mL	1.974 mL
10 mM	0.0987 mL	0.4935 mL	0.987 mL
50 mM	0.0197 mL	0.0987 mL	0.1974 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.

#### Reference

Kaneda N, et al. The amino acid sequence of cardiotoxin-analogue IV from the venom of *Naja naja atra*. FEBS Lett. 1976 Nov;70(1):217-22.

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