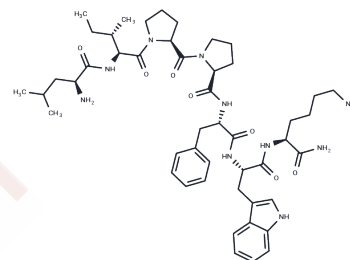


## Cardiotoxin Analog (CTX) IV (6-12)

### Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 115722-23-1   |
| Formula:          | C48H70N10O7   |
| Molecular Weight: | 899.13  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



### Biological Description

|             |  |
|-------------|--|
| Description | Cardiotoxin Analog (CTX) IV (6-12) is a peptide fragment of Cardiotoxin Analog (CTX) IV, isolated from the venom of the Taiwan Cobra ( <i>Naja atra</i> ). |
|-------------|--|

### Solubility Information

|            |   |
|------------|---|
| Solubility | H2O: Soluble,<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.1122 mL | 5.5609 mL | 11.1219 mL |
| 5 mM  | 0.2224 mL | 1.1122 mL | 2.2244 mL  |
| 10 mM | 0.1112 mL | 0.5561 mL | 1.1122 mL  |
| 50 mM | 0.0222 mL | 0.1112 mL | 0.2224 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481