

Rev03  
 Update: Feb,10,2022

**DATASHEET**

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

Cat. No.: RP17303

## Overview

|                            |  |
|----------------------------|--|
| <b>Synonyms</b>            | CTXIV; CTX 4; CTX4   |
| <b>Description</b>         | Cardiotoxin analogues IV isolated from the venom of Taiwan Cobra. CTX IV is a unique snake venom cardiotoxin as it is the only cardiotoxin isoform known so far which possesses a positively charged residue at the N-terminal amino acid. |
| <b>Sequence</b>            | {LEU}{ILE}{PRO}{PRO}{PHE}{TRP}{LYS}-NH <sub>2</sub>  |
| <b>Sequence Shortening</b> | LIPPFWK-NH <sub>2</sub>  |
| <b>Molecular Formula</b>   | C <sub>48</sub> H <sub>70</sub> N <sub>10</sub> O <sub>7</sub>   |
| <b>C Terminal</b>          | NH <sub>2</sub>  |
| <b>Molecular Weight</b>    | 899.14   |

## Properties

|                |                 |
|----------------|-----------------|
| <b>Purity</b>  | > 95%           |
| <b>Form</b>    | Lyophilized     |
| <b>Storage</b> | Store at -20°C. |

## Examples

