

## ω-Conotoxin MVIIC (TFA)

Cat. No.: HY-P0188A  
Batch No.: 179424  
Chemical Name: L-Cysteinamide, L-cysteinyl-L-lysylglycyl-L-lysylglycyl-L-alanyl-L-prolyl-L-cysteinyl-L-arginyl-L-lysyl-L-threonyl-L-methionyl-L-tyrosyl-L-α-aspartyl-L-cysteinyl-L-cysteinyl-L-serylglycyl-L-seryl-L-cysteinylglycyl-L-arginyl-L-arginylglycyl-L-lysyl-, cyclic (1→16),(8→20),(15→26)-tris(disulfide), TFA

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>106</sub>H<sub>178</sub>N<sub>40</sub>O<sub>32</sub>S<sub>7</sub>.C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 2863.27  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

CKGGAPCRKTMVDCSGSGRRGK-NH<sub>2</sub>  
(Disulfide bridge: Cys<sub>1</sub>-Cys<sub>16</sub>, Cys<sub>8</sub>-Cys<sub>20</sub>, Cys<sub>15</sub>-Cys<sub>26</sub>) (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.88%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA