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**Product Name** : Apamin  
**Cat. No.** : PC-26170  
**CAS No.** : 24345-16-2  
**Batch No.** : PC-2617001  
**Chemical Name** : Cys-Asn-Cys-Lys-Ala-Pro-Glu-Thr-Ala-Leu-Cys-Ala-Arg-Arg-Cys-Gln-Gln-His-NH<sub>2</sub> (Disulfide bridge: Cys1-Cys11;Cys3-Cys15)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 2027.34  
**Molecular Formula** : C<sub>79</sub>H<sub>131</sub>N<sub>31</sub>O<sub>24</sub>S<sub>4</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months  
**Chemical Structure** : Cys-Asn-Cys-Lys-Ala-Pro-Glu-Thr-Ala-Leu-Cys-Ala-Arg-Arg-Cys-Gln-Gln-His-NH<sub>2</sub>  
(Disulfide bridge: Cys1-Cys11;Cys3-Cys15)

## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com

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