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**Product Name** : Aprotinin  
**Cat. No.** : PC-38253  
**CAS No.** : 9087-70-1  
**Batch No.** : PC-3825301  
**Chemical Name** : Arg-Pro-Asp-Phe-Cys-Leu-Glu-Pro-Pro-Tyr-Thr-Gly-Pro-Cys-Lys-Ala-Arg-Ile-Ile-Arg-Tyr-Phe-Tyr-Asn-Ala-Lys-Ala-Gly-Leu-Cys-Gln-Thr-Phe-Val-Tyr-Gly-Gly-Cys-Arg-Ala-Lys-Arg-Asn-Asn-Phe-Lys-Ser-Ala-Glu-Asp-Cys-Met-Arg-Thr-Cys-Gly-Gly-Ala(Disulfide bridge: Cys5-Cys55,Cys14-Cys38,Cys30-Cys51)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 6511  
**Molecular Formula** :  $C_{284}H_{432}N_{84}O_{79}S_7$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month  
**Chemical Structure** : RPDFCLEPPYTGPKARIIRYFYNAGGLC  
QTFVYGGCRAKRNNFKSAEDCMRTC GGA

## 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!**

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