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**Product Name** : Nisotirostide  
**Cat. No.** : PC-23085  
**CAS No.** : 2663844-45-7  
**Batch No.** : PC-2308501  
**Chemical Name** : Chain1:Pro-Lys-Pro-Glu-Lys-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Trp-Gln-Arg-Tyr-Tyr-Ala-Glu-Leu-Arg-His-Tyr-Leu-Asn-Trp-Leu-Thr-Arg-Gln-Arg-Tyr-NH2  
Chain2:Ggu-Ggu-Oaa (Amide bridge:Chain1 Lys5-Chain2 Oaa3)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 4974.53  
**Molecular Formula** : C<sub>230</sub>H<sub>343</sub>N<sub>59</sub>O<sub>65</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month  
**Chemical Structure** : Chain1:Pro-Lys-Pro-Glu-Lys-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Trp-Gln-Arg-Tyr-Tyr-Ala-Glu-Leu-Arg-His-Tyr-Leu-Asn-Trp-Leu-Thr-Arg-Gln-Arg-Tyr-NH2  
Chain2:Ggu-Ggu-Oaa (Amide bridge:Chain1 Lys5-Chain2 Oaa3)

## 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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