

**Product Name** : Apraglutide  
**Cat. No.** : PC-61363  
**CAS No.** : 1295353-98-8  
**Batch No.** : PC-6136301  
**Chemical Name** : L-Histidylglycyl-L-a-aspartylglycyl-L-seryl-L-phenylalanyl-L-seryl- L-a-aspartyl-L-a-glutamyl-L-norleucyl-D-phenylalanyl-L-threonyl- L-iso-leucyl-L-leucyl-L-a-aspartyl-L-leucyl-L-leucyl-L-alanyl-L-alanyl- L-arginyl-L-a-aspartyl-L-phenylalanyl-L-iso-leucyl-L-asparaginy- L-tryptophyl-L-leucyl-L-iso-leucyl-L-glutaminy- L-threonyl-L-lysyl- L-iso-leucyl-L-threonyl-L-a-asparagine

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 3765.245  
**Molecular Formula** : C<sub>172</sub>H<sub>263</sub>N<sub>43</sub>O<sub>52</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** : L-Histidylglycyl-L- $\alpha$ -aspartylglycyl-L-seryl-L-phenylalanyl-L-seryl-L- $\alpha$ -aspartyl-L- $\alpha$ -glutamyl-L-norleucyl-D-phenylalanyl-L-threonyl-L-iso-leucyl-L-leucyl-L- $\alpha$ -aspartyl-L-leucyl-L-leucyl-L-alanyl-L-alanyl-L-arginyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-iso-leucyl-L-asparaginy- L-tryptophyl-L-leucyl-L-iso-leucyl-L-glutaminy- L-threonyl-L-lysyl-L-iso-leucyl-L-threonyl-L- $\alpha$ -asparagine

## 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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