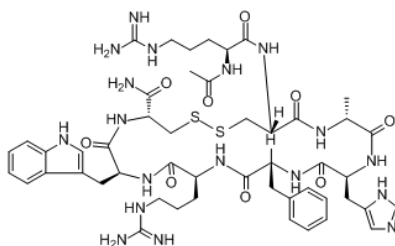


**Product Name** : Setmelanotide  
**Cat. No.** : PC-45743  
**CAS No.** : 920014-72-8  
**Batch No.** : PC-4574301  
**Chemical Name** : L-Cysteinamide, N2-acetyl-L-arginyl-L-cysteinyl-D-alanyl-L-histidyl-D-phenylalanyl-L-arginyl-L-tryptophyl-, cyclic (2→8)-disulfide

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1117.309  
**Molecular Formula** :  $C_{49}H_{68}N_{18}O_9S_2$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months

**Chemical Structure** :



## 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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