

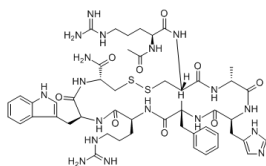
## Certificate of Analysis

**Product Name:** Setmelanotide  
**Cat. No.:** HY-19870  
**CAS No.:** 920014-72-8  
**Batch No.:** 24256  
**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 Formula:** C<sub>49</sub>H<sub>68</sub>N<sub>18</sub>O<sub>9</sub>S<sub>2</sub>  
**Molecular Weight:** 1117.31  
**Storage:**  
Powder            -20°C    3 years  
                          4°C        2 years  
In solvent        -80°C    6 months  
                          -20°C    1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.35%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA