**Taltirelin**

**Cat. No.:** HY-B0596  
**CAS No.:** 103300-74-9  
**Batch No.:** 155513  
**Chemical Name:** L-Prolinamide, (4S)-hexahydro-1-methyl-2,6-dioxo-4-pyrimidinecarbonyl-L-histidyl-

**PHYSICAL AND CHEMICAL PROPERTIES**

**Molecular Formula:** C_{17}H_{23}N_{7}O_{5}  
**Molecular Weight:** 405.41  
**Storage:**  
- Powder: -20°C 3 years  
- Powder: 4°C 2 years  
- In solvent: -80°C 2 years  
- In solvent: -20°C 1 year

**Chemical Structure:**

![Chemical Structure](image)

**ANALYTICAL DATA**

**Appearance:** White to off-white (Solid)  
**^1H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.86%  
**Conclusion:** The product has been tested and complies with the given specifications.

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

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