

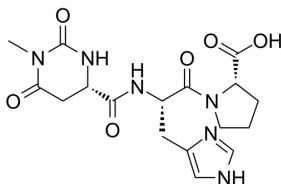
## TA 0910 acid-type

Cat. No.: HY-117178  
CAS No.: 103300-77-2  
Batch No.: 245333  
Chemical Name: L-Proline, (4S)-hexahydro-1-methyl-2,6-dioxo-4-pyrimidinecarbonyl-L-histidyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>22</sub>N<sub>6</sub>O<sub>6</sub>  
Molecular Weight: 406.39  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.85%  
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.**

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