

## L-Pyroglutamic acid

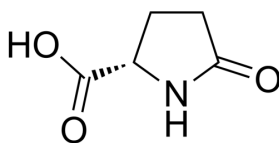
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Cat. No.: HY-76082  
CAS No.: 98-79-3  
Batch No.: 275335  
Chemical Name: L-Proline,5-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>7</sub>NO<sub>3</sub>  
Molecular Weight: 129.11  
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 light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.61%  
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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