

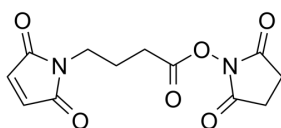
## Certificate of Analysis

**Product Name:** GMBS  
**Cat. No.:** HY-W041994  
**CAS No.:** 80307-12-6  
**Batch No.:** 55449  
**Chemical Name:** 1H-Pyrrole-1-butanoic acid, 2,5-dihydro-2,5-dioxo-, 2,5-dioxo-1-pyrrolidinyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>  
**Molecular Weight:** 280.23  
**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  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 97.18%  
**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