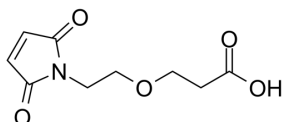


## Certificate of Analysis

**Product Name:** Mal-PEG1-acid  
**Cat. No.:** CS-0108926  
**CAS No.:** 760952-64-5  
**Batch No.:** Lf0618141085  
**Chemical Name:** Propanoic acid, 3-[2-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)ethoxy]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>9</sub>H<sub>11</sub>NO<sub>5</sub>  
**Molecular Weight:** 213.19  
**Storage:** -20°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**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: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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