## **Certificate of Analysis**

## Mal-PEG1-acid

Cat. No.: HY-126960 CAS No.: 760952-64-5 Batch No.: 125624

**Chemical Name:** Propanoic acid, 3-[2-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)ethoxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{11}NO_5$ Molecular Weight: 213.19

Storage: -20°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.40%

The product has been tested and complies with the given specifications. Conclusion:

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

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