

## **Certificate of Analysis**

## Mal-amido-PEG8-NHS ester

Cat. No.: HY-W040133 CAS No.: 756525-93-6 Batch No.: 127296

**Chemical Name:** 4,7,10,13,16,19,22,25-Octaoxa-28-azahentriacontanoic acid, 31-(2,5-dihydro-2,5-dioxo-1H-pyrro

l-1-yl)-29-oxo-, 2,5-dioxo-1-pyrrolidinyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{47}N_3O_{15}$ **Molecular Weight:** 689.71

Storage: Pure form 3 years -20°C

> In solvent -80°C 6 months

> > -20°C 1 month

**Chemical Structure:** 

{\psi\_p\_0\_0\_0\_0\_0\_0\_0\_0\_0\_0\_0\_0\_0\_0\_}

## **ANALYTICAL DATA**

White to light yellow (Oil) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 99.23%

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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