Certificate of Analysis

Mal-amido-PEG4-acid

Cat. No.: HY-130414 **CAS No.:** 1263045-16-4

Batch No.: 99681

Chemical Name: 4,7,10,13-Tetraoxa-16-azanonadecanoic acid, 19-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-17-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{28}N_2O_9$ Molecular Weight: 416.42

Storage: -20°C, protect from light

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

Chemical Structure:

And And

ANALYTICAL DATA

Appearance: Off-white to yellow (Solid-Liquid Mixture)

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 97.01%

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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