Inhibitors

Certificate of Analysis

Mal-N-bis(PEG4-C2-acid)

Cat. No.: HY-140530

CAS No.: 2100306-52-1

Batch No.: 313488

Chemical Name: 4,7,10,13,19,22,25,28-Octaoxa-16-azahentriacontanedioic acid, 16-[3-(2,5-dihydro-2,5-dioxo-1H-

pyrrol-1-yl)-1-oxopropyl]-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:condition} \begin{tabular}{ll} Molecular Formula: & $C_{29}H_{48}N_2O_{15}$ \\ Molecular Weight: & 664.70 \\ \end{tabular}$

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ 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.

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