Certificate of Analysis

Mal-C5-N-bis(PEG2-C2-acid)

Cat. No.: HY-W877850

Batch No.: 315620

Chemical Name: 10-(6-(2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)hexanoyl)-4,7,13,16-tetraoxa-10-azanonadecane-1,19-dioic acid

PHYSICAL AND CHEMICAL PROPERTIES

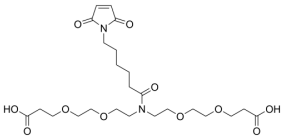
Molecular Formula: $C_{24}H_{38}N_2O_{11}$

Molecular Weight: **530.57**

Storage: 4°C, protect from light

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

Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous Liquid)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): **96.25%**

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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