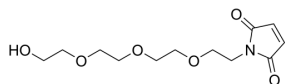


Certificate of Analysis

Product Name: Mal-PEG4-OH
Cat. No.: CS-0109175
CAS No.: 1421933-37-0
Batch No.: 318003
Chemical Name: 1H-Pyrrole-2,5-dione, 1-[2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₂H₁₉NO₆
Molecular Weight: 273.28
Storage: Storage temp. -20°C
Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥95.0%
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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