Certificate of Analysis

m-PEG2-4-nitrophenyl carbonate

Cat. No.: HY-117023 CAS No.: 105108-59-6 Batch No.: 266704

Chemical Name: Carbonic acid, 2-(2-methoxyethoxy)ethyl 4-nitrophenyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{15}NO_7$ 285.25 Molecular Weight:

Storage: Pure form -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Light yellow to yellow (Liquid) Appearance:

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

Purity (LCMS): 95.02%

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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