Certificate of Analysis

DNP-PEG4-NHS ester

Cat. No.: HY-140614 CAS No.: 858126-78-0 Batch No.: 283295

Chemical Name: 2,5-Pyrrolidinedione, 1-[3-[2-[2-[2-[2-[(2,4-dinitrophenyl)amino]ethoxy]ethoxy]ethoxy]-1

-oxopropoxy]- (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{28}N_4O_{12}$ **Molecular Weight:** 528.47

Storage: Pure form -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Light yellow to green yellow (Viscous Liquid) Appearance:

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

Purity (LCMS): 96.81%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA