Certificate of Analysis

Mal-PEG4-Boc

Cat. No.: HY-130469 CAS No.: 518044-36-5 Batch No.: 145903

Chemical Name: 4,7,10,13-Tetraoxapentadecanoic acid, 15-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-, 1,1-dimethyle

thyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{31}NO_8$ Molecular Weight: 401.45

Storage: -20°C, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Colorless to light yellow (Oil) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.93%

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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