Certificate of Analysis

DBCO-PEG1-NHS ester

Cat. No.: HY-140271

CAS No.: 2228857-34-7

Batch No.: 243169

Chemical Name: DBCO-PEG1-NHS ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{27}N_3O_7$ Molecular Weight: 517.53

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹ H 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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