Certificate of Analysis

Spermine(N3BBB)

Cat. No.: HY-151657

CAS No.: 1190203-80-5

Batch No.: 275344

Chemical Name: 13-Oxa-2,6,11-triazapentadecanoic acid, 11-(3-azidopropyl)-6-[(1,1-dimethylethoxy)carbonyl]-1

4,14-dimethyl-12-oxo-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{48}N_6O_6$ Molecular Weight: 528.69

Storage: -20°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Oil)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.04%

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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