

Certificate of Analysis

RapaBlock

Cat. No.: HY-153806 2474076-02-1 CAS No .: Batch No.: 371930

Chemical Name: 15,19-Epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone, 5,6,8,11,12,1

3,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-5,19-dihydroxy-3-[(1E)-2-[(1R,3R,4R)-4-hydroxy

-3-methoxycyclohexyl]-1-methylethenyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-[3-(1-oxido

-2-pyridinyl)propyl]-, (3S,4R,5S,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{49}H_{74}N_2O_{13}$

Molecular Weight: 899.12

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (NMR): ≥98.0%

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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