Certificate of Analysis

Tri-GalNAc(OAc)3

Cat. No.: HY-148118

CAS No.: 1159408-64-6

Batch No.: 311328

Chemical Name: 4,8-Dioxa-12,16-diazaheneicosanamide, 6-amino-11,17-dioxo-6-[[3-oxo-3-[[3-[[1-oxo-5-[[3,4,6-tr

i-O-acetyl-2-(acetylamino)-2-deoxy- β -D-galactopyranosyl]oxy]pentyl]amino]propyl]amino]propoxy]methyl]-N-[3-[[1-oxo-5-[[3,4,6-tri-O-acetyl-2-(acetylamino)-2-deoxy- β -D-galactopyranosyl]oxy]pentyl]amino]propyl]-21-[[3,4,6-tri-O-acetyl-2-(acetylamino)-2-deoxy- β -D-galactopyranosyl]

oxy]-

1793.91

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:conditional_model} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{79}\textbf{H}_{128}\textbf{N}_{10}\textbf{O}_{36}$

Storage: Powder -20°C 3 years

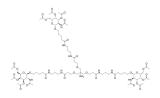
4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

Molecular Weight:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.09%

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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