

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: PE132000

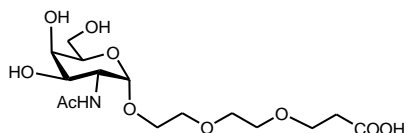
CAS No.: N/A

Product Name: GalNAc Ligand: α -GalNAc-PEG3-Acid

Other Names: 2-[2-(2-Carboxyethoxy)ethoxy]ethyl 2-acetamido-2-deoxy- α -D-galactopyranoside; (8-Carboxy-3,6-dioxaoctyl) 2-acetamido-2-deoxy- α -D-galactopyranoside

Description: N/A

Structure:



Formula: C₁₅H₂₇NO₁₀

Mol. Wt.: 381.38

Exact Mass: 381.16

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

Colourless to white,
Oil to solid powder

Proton NMR (D₂O, 500 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms,
[M+H]⁺ = 382.3, [M+Na]⁺ = 404.3
[2M+H]⁺ = 763.6

(ESI-NEG):

Conforms, [M-H]⁻ = 380.1
[2M-H]⁻ = 761.4

Purity (>95% by HPLC):

N/A

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. Hygroscopic. Forms oil.
2. Store long-term at -20 ± 5°C.