

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: PE132030

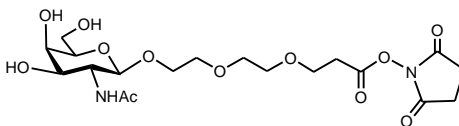
CAS No.: N/A

Product Name: β -D-GalNAc-PEG3-NHS ester

Other Names: β -D-GalNAc-PEG3-N-hydroxysuccinimide ester; 2-[2-(2-Carboxyethoxy)ethoxy]ethyl 2-acetamido-2-deoxy- β -D-galactopyranoside NHS ester; (8-Carboxy-3,6-dioxaoctyl) 2-acetamido-2-deoxy- β -D-galactopyranoside NHS ester; Omega-carboxy-triethyleneglycol-2-acetamido-2-deoxy- β -D-galactopyranoside NHS ester

Description: N/A

Structure:



Formula: C₁₉H₃₀N₂O₁₂

Mol. Wt.: 478.45

Exact Mass: 478.18

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

Off-white to pale yellow, oil to solid

Proton NMR (CD₃OD, 500 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+H]⁺ = 479.4
[M+Na]⁺ = 501.4

Purity (>95% by HPLC):

N/A

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. May form oil. Store long-term at -20 ± 5°C.
2. Keep dry. Allow container and contents to warm to room temperature before opening.
3. NMR shows small amounts of isopropanol and DMF.