

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

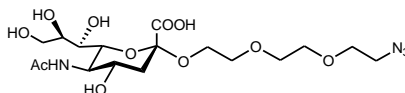
Product No.: PE034000

CAS No.: N/A

Product Name: α -Neu5Ac-PEG3-N3

Other Names: α -L-Neu5Ac-PEG3-N3; α -L-NeuAc-PEG3-N3; N-acetylneuraminyl-PEG3-Azide; Sialyl-PEG3-Azide; NANA-PEG3-N3; 2-{2-[2-azidoethoxy]ethoxy}ethyl 5-(acetylamino)-3,5-dideoxy-D-glycero- α -D-galacto-non-2-ulopyranosonic acid; (8-Azido-3,6-dioxaoctyl) 5-(acetylamino)-3,5-dideoxy-D-glycero- α -D-galacto-non-2-ulopyranosonic acid

Structure:



Formula: C₁₇H₃₀N₄O₁₁

Mol. Wt.: 466.44

Exact Mass: 466.19

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, hygroscopic solid

Proton NMR (D₂O, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+H]⁺ = 467.2
[M+NH₄]⁺ = 484.2
[2M+H]⁺ = 933.4

Purity (>95% by HPLC):

Conforms, 99%

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. Solubility: H₂O
2. Store as lyophilized powder at -20 ± 5°C.
3. Keep dry. Allow container and contents to warm to room temperature before opening.
4. Avoid storing product in solutions.