

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: PE144010

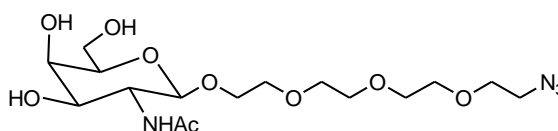
CAS No.: N/A

Product Name: β -GalNAc-PEG4-Azide

Other Names: N/A

Description: N/A

Structure:



Formula: C₁₆H₃₀N₄O₉

Mol. Wt.: 422.43

Exact Mass: 422.20

CHARACTERIZATION

| PROPERTY | OBSERVATION |
|--|--|
| Appearance & Physical State: | White, gum |
| Proton NMR (D₂O, 400 MHz): | Conforms |
| Mass Spectrometry (ESI-POS): | Conforms, [M+1] ⁺ = 423.2 [M+Na] ⁺ = 445.1 [2M+1] ⁺ = 845.4 |
| Purity (>95% by NMR): | Conforms |

BATCH INFORMATION

Lot No.: XXXXXX

Date Prepared: XXXXXX

NOTES

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