

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: BT100010

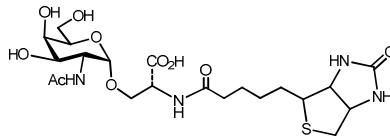
CAS No.: N/A

Product Name: Tn Antigen (Serine, Biotin)

Other Names: Biotinyl Tn Antigen (Serine); N-Biotin-Ser(α -GalNAc)-OH (free acid); α -D-GalNAc-Ser-NH-Biotin

Description: N/A

Structure:



Formula: C₂₁H₃₄N₄O₁₀S

Mol. Wt.: 534.58

Exact Mass: 534.20

CHARACTERIZATION

| PROPERTY | OBSERVATION |
|--|--|
| Appearance & Physical State: | White, solid powder |
| Proton NMR (D₂O, 400 MHz): | Conforms |
| Mass Spectrometry (ESI-POS): | Conforms, [M+H] ⁺ = 535.1 [2M+H] ⁺ = 1069.2 |
| (ESI-NEG): | Conforms, [M-H] ⁻ = 533.1 [2M-H] ⁻ = 1067.2 |
| Purity (>95% by HPLC): | Conforms, >98% |

BATCH INFORMATION

Lot No.: XXXXXX

Date Prepared: XXXXXX

NOTES

1. Store as lyophilized powder at -20 ± 5°C.
2. Keep dry. Allow container and contents to warm to room temperature before opening.
3. Avoid storing product in solutions.
4. Formerly product BT000110.