

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: BT000070 (formerly BT000170)

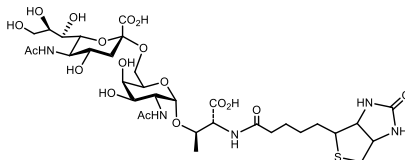
CAS No.: N/A

Product Name: STn Antigen (Thr, Biotin)

Other Names: Sialyl-Tn Antigen (Threonine, Biotinylated); Neu5Ac α 2-6GalNAc-Thr-NH-Biotin; Biotin-Thr(Neu5Ac α 2-6GalNAc)-OH

Description: N/A

Structure:



Formula: C₃₃H₅₃N₅O₁₈S

Mol. Wt.: 839.86

Exact Mass: 839.30

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, solid powder

Proton NMR (D₂O, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+H]⁺ = 840.4
[M+2H]²⁺ = 420.7

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.
5. Formerly product BT000170.