

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: GA121015

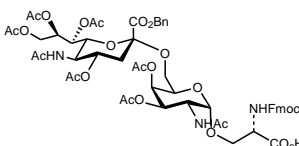
CAS No.: 914456-67-0

Product Name: STn Antigen (Serine, Fmoc, Benzyl Ester, Peracetylated)

Other Names: Fmoc-Ser(STn)-OH (Bn, peracetate, free acid); Fmoc-Ser(α -Neu5Ac(Ac)₄-(2-6)- α -GalNAc(Ac)₂)-OH, Benzyl Ester; Fmoc-Ser(α -Neu5Ac-(2-6)- α -GalNAc)-OH, Peracetate, Benzyl Ester

Description: Tumor-Associated Carbohydrate Antigen (TACA) building block.

Structure:



Formula: C₅₆H₆₅N₃O₂₄

Mol. Wt.: 1164.12

Exact Mass: 1163.40

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, solid powder

Proton NMR (d₄-MeOH, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+H]⁺ = 1164.6

Purity (>95% by HPLC):

Conforms, >97%

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.