

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: GA131015

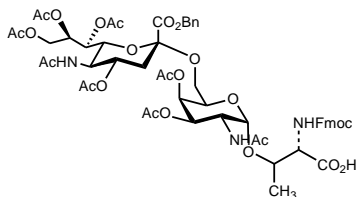
CAS No.: 189561-77-1

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

Other Names: Fmoc-Thr( $\alpha$ -Neu5Ac(Ac)<sub>4</sub>-(2-6)- $\alpha$ -GalNAc(Ac)<sub>2</sub>)-OH; Fmoc-Thr( $\alpha$ -Neu5Ac(2-6)- $\alpha$ -GalNAc)-OH, Peracetate, Benzyl Ester

Description: N/A

Structure:



Formula: C<sub>57</sub>H<sub>67</sub>N<sub>3</sub>O<sub>24</sub>

Mol.Wt.: 1178.15

Exact Mass: 1177.41

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, solid powder

Proton NMR (d<sub>4</sub>-MeOH, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):  
(ESI-NEG):

Conforms, [M+H]<sup>+</sup> = 1178.4  
Conforms, [M-H]<sup>-</sup> = 1176.3

Purity (>95% by HPLC):

Conforms, >99%

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.