

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: GA131020

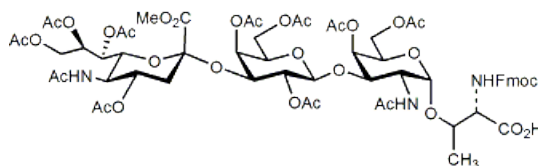
CAS No.: 125760-33-0

Product Name: STF Antigen (Threonine, Fmoc, Methyl Ester, Peracetylated)

Other Names: Fmoc-Thr(Neu5Ac α 2-3Gal β 1-3GalNAc)-OH (peracetylated, methyl ester); ST Antigen (Fmoc-Threonine, Peracetate, Methyl ester); α (2,3)Sialyl TF Antigen (Fmoc-Threonine, Peracetate, Methyl ester); Neu5Ac α (2,3)Gal β (1,3)GalNAc α -Thr (Fmoc, Peracetate, Methyl ester); N⁹-(Fluoren-9-ylmethoxycarbonyl)-O-[(methyl 5-acetamido-3,5-dideoxy-D-glycero- α -D-galacto-2-nonulopyranosylonate)-(2 \rightarrow 3)-2,4,6-tri-O-acetyl- β -D-galactopyranosyl-(1 \rightarrow 3)-2-N-acetamido-2-deoxy-4,6-di-O-acetyl- α -D-]-L-threonine

Description: N/A

Structure:



Formula: C₆₃H₇₉N₃O₃₂

Mol.Wt.: 1390.3

Exact Mass: 1389.46

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

Off white to white, solid powder

Proton NMR (d₄-MeOH, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+H]⁺ = 1390.8
[M+2H]²⁺ = 695.9

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.