

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: BT900060

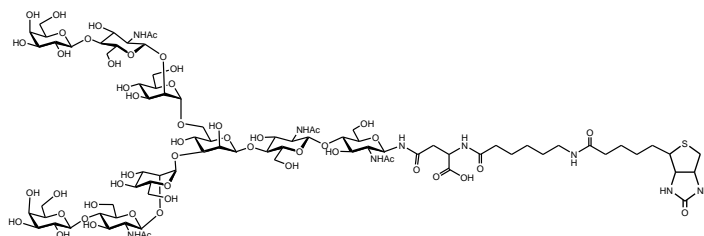
CAS No.: N/A

Product Name: Asialo Biantennary N-Glycan: G2 Glycan Asn-Ahx-Biotin

Other Names: Gal2GlcNAc2Man3GlcNAc2-Asn-Ahx-Biotin (free acid); A2G2 Glycan Biotin; A2G(4)2 Glycan-Asn-Ahx-Biotin; Asialo biantennary N-glycan with Asparagine linked via hexyl spacer to biotin; Galβ1-4GlcNAcβ1-2Manα1-3[Galβ1-4GlcNAcβ1-2Manα1-6]Manβ1-4GlcNAcβ1-4GlcNAc-β-Asn-Ahx-Biotin

Description: Asialo biantennary N-glycan with Asparagine linked via hexyl spacer (Ahx) to biotin. The Asn carboxylic acid remains free. Ahx denotes 6-aminocaproic acid or 6-aminohexanoic acid spacer.

Structure:



Formula: C₈₂H₁₃₅N₉O₅₁S

Mol. Wt.: 2095.04

Exact Mass: 2093.80

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, solid powder

Proton NMR (CD₃OD, 500 MHz):

N/A

Mass Spectrometry (ESI-POS):

Conforms, [2M+3H]³⁺ = 1398.0
[M+2H]²⁺ = 1048.3
[M+3H]³⁺ = 699.6

Purity (>95% by HPLC):

Conforms, >99%

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. Store as lyophilized powder at $-20 \pm 5^{\circ}\text{C}$.
2. Keep dry. Allow container and contents to warm to room temperature before opening.
3. Avoid storing product in solutions.
4. Formerly product BT005010.