

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: BT900080

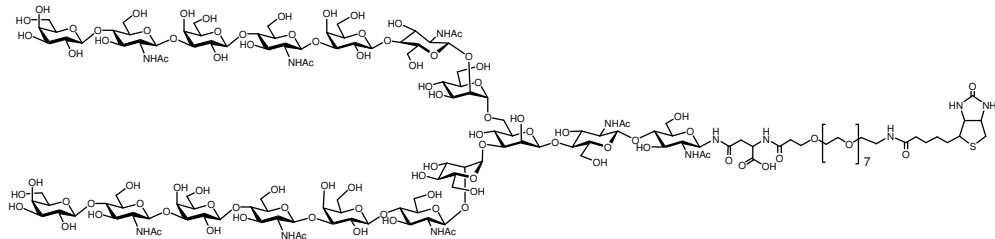
CAS No.: N/A

Product Name: Asialo Biantennary N-Glycan: Tri-LacNAc Asn-PEG8-Biotin (extended or poly-LacNAc)

Other Names: LN3-N-Asn-PEG8-Biotin; G2 Glycan Asn-PEG8-Biotin (extended tri-LacNAc arms); [Gal3GlcNAc3Man]2ManGlcNAc2-Asn-PEG8-Biotin; [LacNAc3Man]2ManGlcNAc2-Asn-PEG8-Biotin

Description: Biotinylated Asialo Biantennary N-glycan with a 3 x LacNAc repeat (LacNAc =LN = Galβ1,4GlcNAc) extension on each arm from the mannose core (Man3GlcNAc2Asn). Octaethylene glycol (PEG8) spacer between Asn and biotin.

Structure:



Formula: C₁₅₁H₂₅₃N₁₃O₉₉S

Mol. Wt.: 3866.7

Exact Mass: N/A

CHARACTERIZATION

PROPERTY	OBSERVATION
Appearance & Physical State:	White, solid powder
Proton NMR (D₂O, 600 MHz):	Conforms
Mass Spectrometry (ESI-POS):	Conforms, [M+3H] ²⁺ = 1934.08 [M+3H] ³⁺ = 1289.69
(ESI-NEG):	Conforms, [M-3H+2FA] ³⁻ = 1317.94 (2 x formic acid adduct)
Purity (>90% by HPLC):	Conforms, >94%

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 BT001060 and BT005030.