

**CERTIFICATE OF ANALYSIS**

**GENERAL INFORMATION**

**Product No.:** BT200000

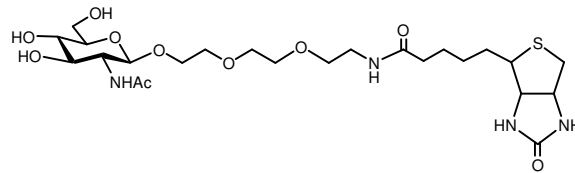
**CAS No.:** N/A

**Product Name:** N-Acetyl-D-glucosamine (GlcNAc):  $\beta$ -D-GlcNAc-PEG3-Biotin

**Other Names:** Biotinyl-PEG3-2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside; 8-Biotinamido-3,6-dioxaoctanyl 2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside;  $\beta$ -GlcNAc linked to biotin via a short triethylene glycol spacer

**Description:** N/A

**Structure:**



**Formula:** C<sub>24</sub>H<sub>42</sub>N<sub>4</sub>O<sub>10</sub>S

**Mol. Wt.:** 578.68

**Exact Mass:** 578.26

**CHARACTERIZATION**

PROPERTY	OBSERVATION
<b>Appearance &amp; Physical State:</b>	White, solid powder
<b>Proton NMR (D<sub>2</sub>O, 400 MHz):</b>	Conforms
<b>Mass Spectrometry (ESI-POS):</b>	Conforms, [M+H] <sup>+</sup> = 579.6
<b>(ESI-NEG):</b>	Conforms, [M-H] <sup>-</sup> = 577.7
<b>Purity (&gt;95% by HPLC):</b>	N/A

**BATCH INFORMATION**

<b>Lot No.:</b>	XXXXXX
<b>Date Prepared:</b>	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.
4. Formerly product BT000200.