

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: BT500010

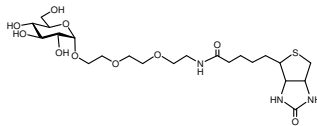
CAS No.: N/A

Product Name: Glucose (Glc): α -D-Glc-PEG3-Biotin

Other Names: Biotinyl-PEG3- α -D-glucopyranoside; 8-Biotinamido-3,6-dioxaoctanyl α -D-glucopyranoside; α -Glc linked to biotin via a short triethylene glycol spacer

Description: Biotinylated Glucose with triethylene glycol linker/spacer

Structure:



Formula: C₂₂H₃₉N₃O₁₀S

Mol. Wt.: 537.62

Exact Mass: 537.24

CHARACTERIZATION

PROPERTY	OBSERVATION
Appearance & Physical State:	White, solid powder
Proton NMR (D₂O, 500 MHz):	Conforms, α H-1 4.958 (d, 1H)
Mass Spectrometry (ESI-POS):	Conforms, [M+Na] ⁺ = 560.2
Purity (>95% by HPLC):	Conforms

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 BT000510.