

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: PE135010

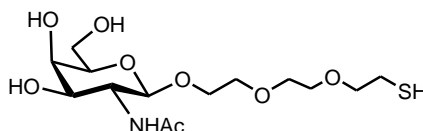
CAS No.: N/A

Product Name: GalNAc Ligand: β -GalNAc-PEG3-Thiol

Other Names: 2-[2-(2-Mercaptoethoxy)ethoxy]ethyl 2-acetamido-2-deoxy- β -D-galactopyranoside; (8-Mercapto-3,6-dioxaoctyl) 2-acetamido-2-deoxy- β -D-galactopyranoside

Description: N/A

Structure:



Formula: C₁₄H₂₇O₈S

Mol. Wt.: 369.43

Exact Mass: 369.15

CHARACTERIZATION

PROPERTY	OBSERVATION
Appearance & Physical State:	White, solid powder
Proton NMR (D₂O, 400 MHz):	Conforms
Mass Spectrometry (ESI-POS):	Conforms, [M+H] ⁺ = 370.0 [M+Na] ⁺ = 392.0
Purity (>95% by HPLC):	N/A

BATCH INFORMATION

Lot No.: XXXXXX

Date Prepared: XXXXXX

NOTES

1. May contain traces of disulfide dimer.
2. Store as lyophilized powder at -20 ± 5°C.
3. Keep dry. Allow container and contents to warm to room temperature before opening.
4. Avoid storing product in solutions.