

**CERTIFICATE OF ANALYSIS**

**GENERAL INFORMATION**

**Product No.:** PE532000

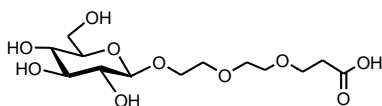
**CAS No.:** 154773-39-4

**Product Name:** Glucose Ligand:  $\beta$ -Glc-PEG3-Acid

**Other Names:** 2-[2-(2-Carboxyethoxy)ethoxy]ethyl  $\beta$ -D-glucopyranoside; (8-Carboxy-3,6-dioxaoctyl)  $\beta$ -D-glucopyranoside

**Description:** N/A

**Structure:**



**Formula:** C<sub>13</sub>H<sub>24</sub>NO<sub>10</sub>

**Mol. Wt.:** 340.32

**Exact Mass:** 340.14

**CHARACTERIZATION**

PROPERTY	OBSERVATION
<b>Appearance &amp; Physical State:</b>	Colourless oil/gum
<b>Proton NMR (D<sub>2</sub>O, 500 MHz):</b>	Conforms
<b>Mass Spectrometry (ESI-POS):</b>	Conforms, [M+H] <sup>+</sup> = 341.2 [M+Na] <sup>+</sup> = 363.1 [2M+H] <sup>+</sup> = 681.3 [2M+Na] <sup>+</sup> = 703.3
<b>Purity (&gt;95% by HPLC):</b>	N/A

**BATCH INFORMATION**

**Lot No.:** XXXXXX

**Date Prepared:** XXXXXX

**NOTES**

1. Store long-term at -20 ± 5°C.
2. Keep dry. Allow container and contents to warm to room temperature before opening.