

**CERTIFICATE OF ANALYSIS**

**GENERAL INFORMATION**

**Product No.:** PE686000

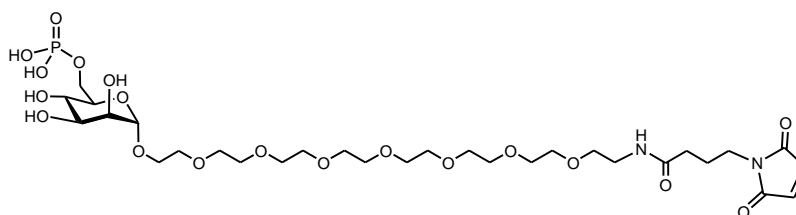
**CAS No.:** N/A

**Product Name:**  $\alpha$ -Man-6-phosphate-PEG8-Maleimide

**Other Names:** N/A

**Description:** N/A

**Structure:**



**Formula:** C<sub>30</sub>H<sub>53</sub>N<sub>2</sub>O<sub>19</sub>P

**Mol. Wt.:** 776.72

**Exact Mass:** 776.30

**CHARACTERIZATION**

**PROPERTY**

**OBSERVATION**

**Appearance & Physical State:**

Slight yellow, glassy solid

**Proton NMR (D<sub>2</sub>O, 400 MHz):**

Conforms

**Carbon NMR (D<sub>2</sub>O, 100 MHz):**

Conforms

**Phosphorus NMR (D<sub>2</sub>O):**

Conforms

**Mass Spectrometry (ESI-POS):**

Conforms, [M+H]<sup>+</sup> = 777.6

(ESI-NEG):

[M+Na]<sup>+</sup> = 799.5

[M-H]<sup>-</sup> = 775.5

**Purity (>95% by HPLC):**

N/A

**BATCH INFORMATION**

**Lot No.:**

XXXXXX

**Date Prepared:**

XXXXXX

**NOTES**

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