

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: PE806000

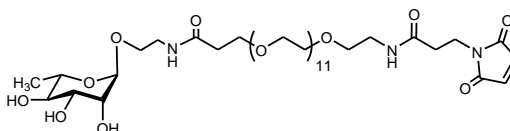
CAS No.: N/A

Product Name: α -Rha-PEG12-Maleimide

Other Names: Alpha-L-Rha-PEG12-Maleimide

Description: Thiol (sulfhydryl)-reactive ligand. Product formed by conjugation of MAL-PEG12-NHS ester via amidation to 2-aminoethyl α -L-Rha.

Structure:



Formula: C₄₂H₇₅N₃O₂₁

Mol. Wt.: 958.05

Exact Mass: 957.49

CHARACTERIZATION

PROPERTY	OBSERVATION
Appearance & Physical State:	Clear, oil
Proton NMR (D₂O, 400 MHz):	Conforms
Mass Spectrometry (ESI-POS):	Conforms, [M+H] ⁺ = 958.8 [M+2H] ²⁺ = 480.1
Purity (>95% by HPLC):	Conforms, >98%

BATCH INFORMATION

Lot No.: XXXXXX

Date Prepared: XXXXXX

NOTES

1. Solubility: H₂O.
2. Store long-term at -20 ± 5°C.
3. Keep dry. Allow container and contents to warm to room temperature before opening.