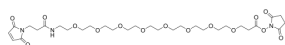


Certificate of Analysis

Product Name:	Mal-amido-PEG8-NHS ester
Cat. No.:	CS-W020873
CAS No.:	756525-93-6
Batch No.:	Lg0424241019
Chemical Name:	4,7,10,13,16,19,22,25-Octaoxa-28-azahentriacontanoic acid, 31-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-29-oxo-, 2,5-dioxo-1-pyrrolidinyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₀ H ₄₇ N ₃ O ₁₅
Molecular Weight:	689.71
Storage:	Storage temp. -20°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to light yellow (Oil)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.07%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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