

Certificate of Analysis

Mal-PEG6-acid

Cat. No.:	HY-126963
CAS No.:	518044-42-3
Batch No.:	147340
Chemical Name:	4,7,10,13,16,19-Hexaoxaheneicosanoic acid, 21-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₉ H ₃₁ NO ₁₀
Molecular Weight:	433.45
Storage:	-20°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

 $\left\langle \sum_{0}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{$

ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.96%
Conclusion:	The product has been tested and complies with the given specifications.
¹ H NMR Spectrum: LCMS: Purity (LCMS):	Consistent with structure Consistent with structure 98.96%

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

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