

Certificate of Analysis

Mal-PEG4-PFP ester

Cat. No.:	HY-126506
CAS No.:	1415800-42-8
Batch No.:	179415
Chemical Name:	4,7,10,13-Tetraoxapentadecanoic acid, 15-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-, 2,3,4,5,6-pent
	afluorophenyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$\mathrm{C_{21}H_{22}F_5NO_8}$		
Molecular Weight:	511.39		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

ANALYTICAL DATA

Appearance:	Off-white to light brown (Viscous Liquid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	95.40%
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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