Certificate of Analysis

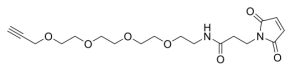
Alkyne-PEG4-maleimide

Cat. No.:	HY-133399
CAS No.:	1609651-90-2
Batch No.:	241522
Chemical Name:	1H-Pyrrole-1-propanamide, 2,5-dihydro-2,5-dioxo-N-3,6,9,12-tetraoxapentadec-14-yn-1-yl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{18}H_{26}N_2O_7$		
Molecular Weight:	**382.41**		
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:	Colorless to light yellow (Viscous Liquid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
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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