

Certificate of Analysis

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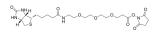
Biotin-PEG3-NHS ester

Cat. No.:	HY-130291
CAS No.:	1253286-56-4
Batch No.:	250726
Chemical Name:	4,7,10-Trioxa-13-azaoctadecanoic acid, 18-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imid
	azol-4-yl]-14-oxo-, 2,5-dioxo-1-pyrrolidinyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₃ H ₃₆ N ₄ O ₉ S		
Molecular Weight:	544.62		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.35%
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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