

Certificate of Analysis

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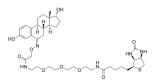
β -Estradiol-6-CMO-PEG3-biotin

Cat. No.:	HY-130929
Batch No.:	269339
Chemical Name:	N-(1-((((8R,9S,13S,14S,17R,Z)-3,17-Dihydroxy-13-methyl-7,8,9,11,12,13,14,15,16,17-decahydro-6
	H-cyclopenta[a]phenanthren-6-ylidene)amino)oxy)-2-oxo-6,9,12-trioxa-3-azatetradecan-14-yl)-
	5-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{38}H_{57}N_5O_9S$		
Molecular Weight:	759.95		
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
Purity (NMR):	≥90.0%
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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