

Certificate of Analysis

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DBCO-S-S-PEG3-biotin

Cat. No.:	HY-140128	
CAS No.:	1430408-09-5	
Batch No.:	124465	
Chemical Name:	Dibenz[b,f]azocine-5(6H)-butanamide, 11,12-didehydro-N-[25-[(3aS,4S,6aR)-hexahydro-2-oxo-1	
	H-thieno[3,4-d]imidazol-4-yl]-7,21-dioxo-11,14,17-trioxa-3,4-dithia-8,20-diazapentacos-1-yl]-γ-o	
	XO-	

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₂ H ₅₆ N ₆ O ₈ S ₃
Molecular Weight:	869.12
Storage:	-20°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

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ANALYTICAL DATA

Appearance:	Light yellow to brown (Oil)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	95.07%
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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