Certificate of Analysis

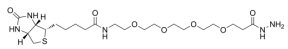
Biotin-PEG4-hydrazide

Cat. No.:	HY-140932
CAS No.:	756525-97-0
Batch No.:	244533
Chemical Name:	4,7,10,13-Tetraoxa-16-azaheneicosanoic acid, 21-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-17-oxo-, hydrazide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{39}N_5O_7S$		
Molecular Weight:	**505.63**		
Storage:	Powder	-20°C	3 years
		4°C	2 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
LCMS:	Consistent with structure
Purity (LCMS):	**98.00%**
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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA