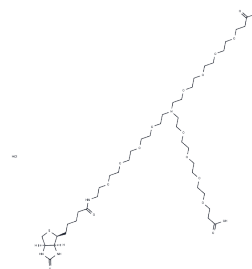


N-(Biotin-PEG4)-N-bis(PEG4-acid) HCl salt

Chemical Properties

CAS No. :	2112731-49-2
Formula:	C42H79ClN4O18S
Molecular Weight:	995.61
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(Biotin-PEG4)-N-bis(PEG4-acid) HCl salt is a PEG Linker which may be useful in the development of antibody drug conjugates.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0044 mL	5.022 mL	10.0441 mL
5 mM	0.2009 mL	1.0044 mL	2.0088 mL
10 mM	0.1004 mL	0.5022 mL	1.0044 mL
50 mM	0.0201 mL	0.1004 mL	0.2009 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Deng CY, Long YY, Liu S, Chen ZB, Li C. [Construction of biotin-modified polymeric micelles for pancreatic cancer targeted photodynamic therapy]. Yao Xue Xue Bao. 2015 Aug;50(8):1038-44. Chinese. PubMed PMID: 26669006.

Zhu W, Song Z, Wei P, Meng N, Teng F, Yang F, Liu N, Feng R. Y-shaped biotin-conjugated poly (ethylene glycol)-poly (epsilon-caprolactone) copolymer for the targeted delivery of curcumin. J Colloid Interface Sci. 2015 Apr 1; 443:1-7. doi: 10.1016/j.jcis.2014.11.073. Epub 2014 Dec 6. PubMed PMID: 25526295.

Ke S, Wright JC, Kwon GS. Avidin-biotin-PEG-CPA complexes as potential EPR-directed therapeutic protein carriers: preparation and characterization. Bioconjug Chem. 2007 Sep-Oct;18(5):1644-50. Epub 2007 Aug 18. PubMed PMID: 17705554.

Kaiser K, Marek M, Haselgrübler T, Schindler H, Gruber HJ. Basic studies on heterobifunctional biotin-PEG conjugates with a 3-(4-pyridyldithio)propionyl marker on the second terminus. Bioconjug Chem. 1997 Jul-Aug;8 (4):545-51. PubMed PMID: 9258454.

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