

Albenatide

Chemical Properties

CAS No. : 1031700-39-6

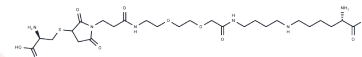
Formula: C₂₆H₄₇N₇O₉S

Molecular Weight: 633.76

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Albenatide is a modified analog of exendin 4 conjugated to recombinant human albumin.
Targets(IC50)	Glucagon Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5779 mL	7.8894 mL	15.7788 mL
5 mM	0.3156 mL	1.5779 mL	3.1558 mL
10 mM	0.1578 mL	0.7889 mL	1.5779 mL
50 mM	0.0316 mL	0.1578 mL	0.3156 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

Chen XG, Hua F, Wang SG, Tang HH. Albumin-Conjugated Lipid-Based Multilayered Nanoemulsion Improves Drug Specificity and Anti-Inflammatory Potential at the Spinal Cord Injury gSite after Intravenous Administration. AAPS PharmSciTech. 2018 Feb;19(2):590-598. doi: 10.1208/s12249-017-0867-1. Epub 2017 Sep 5. PubMed PMID: 28875455.

Sleep D. Albumin and its application in drug delivery. Expert Opin Drug Deliv. 2015 May;12(5):793-812. doi: 10.1517/17425247.2015.993313. Epub 2014 Dec 18. Review. PubMed PMID: 25518870.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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