

dasiglucagon acetate

Chemical Properties

CAS No. :

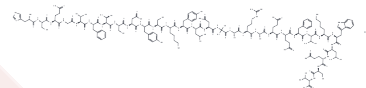
Formula: C154H226N38O52

Molecular Weight: 3441.67

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	Dasiglucagon acetate is a novel glucagon analog for diabetic hypoglycemia therapy. Dasiglucagon acetate has demonstrated established solubility and stability in an aqueous formulation. Pharmacokinetics studies have shown dasiglucagon acetate to exhibit higher absorption and a longer plasma elimination half-life than traditional reconstituted glucagon.
Targets(IC50)	Others,Glucagon Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (17.43 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2906 mL	1.4528 mL	2.9056 mL
5 mM	0.0581 mL	0.2906 mL	0.5811 mL
10 mM	0.0291 mL	0.1453 mL	0.2906 mL
50 mM	0.0058 mL	0.0291 mL	0.0581 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

Li S, et al. Evaluating dasiglucagon as a treatment option for hypoglycemia in diabetes. Expert Opin Pharmacother. 2020 Aug;21(11):1311-1318.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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