

Catalog Number: CM04710

产品信息

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CM04710

CAS号:
11070-73-8

分子式:
 $C_{254}H_{377}N_{65}O_{75}S_6$

主要靶点:
IGF-1R

主要通路:
蛋白酪氨酸激酶

分子量:
5733.49

溶解度:
H₂O:11 mg/mL (1.92 mM),ultrasonic and adjust pH to 2 with HCl

Insulin(cattle)

体外活性

Two-chain polypeptide hormone produced by the β -cells of pancreatic islets. The α and β chains are joined by two interchain disulfide bonds. And the α chain contains an intrachain disulfide bond. Insulin regulates glucose uptake into muscle and fat cells by recruiting membrane glucose transporter Glut-4 to cell surface. Insulin cattle has been used as growth supplement in culturing cells at the concentration ranging from 1 to 10 μ g/mL of medium generally.

描述

Insulin cattle (Insulin from bovine pancreas) is a two-chain polypeptide hormone produced in vivo in the pancreatic β cells. It has often been used as growth supplement in culturing cells.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years