

RG7697

Chemical Properties

CAS No. :

Formula: C211H316N46O61

Molecular Weight:

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	RG7697 is a dual agonist for the glucagon-like peptide receptor (GLP Receptor) and the glucose-dependent insulinotropic polypeptide receptor (GIPR), with EC50 values of 5 and 3 pM, respectively. RG7697 exhibits antihyperglycemic activity.
Targets(IC50)	Glucagon Receptor
In vivo	RG7697 (3-30 nmol/kg, subcutaneous injection, daily for 7 days; or every other day for 30 days) enhances insulin secretion and metabolism, reduces glucose transfer, and ameliorates diet-induced type 2 diabetes and obesity in C57BL/6 mouse models.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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