

GEP44

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	GEP44 is a peptide-biased triple agonist targeting the glucagon-like peptide-1 receptor (GLP-1R), neuropeptide Y1 receptor (Y1-R), and neuropeptide Y2 receptor (Y2-R). It induces GLP-1R-dependent insulin secretion in rat and human islets by offsetting the actions of Y1-R and GLP-1R agonism, controlled by Y1-R antagonists. Additionally, GEP44 enhances glucose uptake in muscle tissue through Y1-R mediation independent of insulin and significantly reduces food intake and body weight in diet-induced obese rat models. GEP44 is utilized in studies related to obesity and type 2 diabetes.
Targets(IC50)	Glucagon Receptor,Neuropeptide Y Receptor,Arrestin

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481