

Glucagon-like peptide 1 (1-37), human acetate

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	Glucagon-like peptide 1 (1-37), human acetate is a highly potent the GLP-1 receptor agonist.
Targets(IC50)	Glucagon Receptor
In vitro	Glucagon-like peptide 1 (1-37), human acetate is produced by post-translational processing of proglucagon and acts as a regulator of various homeostatic events. GLP-1 (1-37) is more stable than GLP-1(7-37), with an initial amount of peptide of 94.7% after exposure to mouse serum for 4 hours[1].
In vivo	The administration of Glucagon-like peptide 1 (1-37), human acetate markedly decrease blood glucose levels at 30 min compared with the control group. Glucagon-like peptide 1 (1-37), human acetate decreased glycemic excursion in a dose-dependent manner[1].

Reference

Zhao L, et al. Glucagon-like peptide-1(1-37) can enhance blood glucose homeostasis in mice. Regul Pept. 2012 Oct 10;178(1-3):1-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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