

Product Name : Lixisenatide
Synonyms : —
Cat No. : M14043
CAS Number : 320367-13-3
Molecular Formula : C₂₁₅H₃₄₇N₆₁O₆₅S
Formula Weight : 4858.49

Lixisenatide

Chemical Name : L-Histidylglycyl-L-α-glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-α-aspartyl-L-leucyl-L-seryl-L-tyrosyl-L-glutamyl-L-methionyl-L-α-glutamyl-L-α-glutamyl-L-α-glutamyl-L-alanyl-L-valyl-L-arginyl-L-leucyl-L-phenylalanyl-

Description : Lixisenatide is a GLP-1 agonist for the treatment of diabetes type II; helps pancreatic beta cells to secrete insulin in response to high blood sugar. Diabetes Approved

Pathway : GPCR/G Protein

Target : Glucagon Receptor

Receptor : Glucagon Receptor

Solubility : H₂O

SMILES : CCC(C)C(=O)N(CCC(=O)O)C(=O)N(CCC1=CNC2=CC=CC=C2)C(=O)N(CCC(C)C)C(=O)N(CCCCCN)C(=O)N(CCC(=O)N)C(=O)NCC(=O)NCC(=O)N3CCCC3C(=O)N(C(CO)C(=O)N(C(CO)C(=O)NCC(=O)N(C(C)C(=O)N4CCCC4C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Unpierez GE, et al. Diabetes Obes Metab. 2017 Mar 3;| 2. Mezquita-Raya P, et al. Diabetes Ther. 2017 Apr;8(2):401-415.