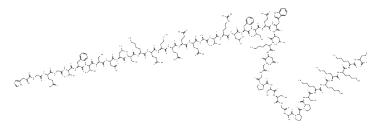


Lixisenatide acetate (320367-13-3 free base)

Chemical Properties

CAS No. : 1997361-87-1
Formula: C₂₁₅H₃₄₇N₆₁O₆₅S₆C₂H₄O₂
Molecular Weight: 5218.79
Appearance: no data available
Storage: store at low temperature, keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Lixisenatide acetate is a receptor agonist similar to glucagon-like peptide-1 (glp-1) for the treatment of type 2 diabetes mellitus (T2DM).
Targets(IC50)	Glucagon Receptor

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1916 mL	0.9581 mL	1.9162 mL
5 mM	0.0383 mL	0.1916 mL	0.3832 mL
10 mM	0.0192 mL	0.0958 mL	0.1916 mL
50 mM	0.0038 mL	0.0192 mL	0.0383 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Ahrén B et al. Postprandial Glucagon Reductions Correlate to Reductions in Postprandial Glucose and Glycated Hemoglobin with Lixisenatide Treatment in Type 2 Diabetes Mellitus: A Post Hoc Analysis. Diabetes Ther. 2016 Jun

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