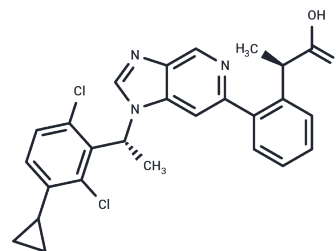


LSN3318839

Chemical Properties

CAS No. : 2764704-18-7
Formula: C₂₆H₂₃Cl₂N₃O₂
Molecular Weight: 480.39
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LSN3318839 is a potent and orally available glucagon-like peptide-1 receptor (GLP-1R) modulator. LSN3318839 enhances GLP-1R G-protein-coupled signaling and can be used to lower blood glucose.
Targets(IC ₅₀)	Glucagon Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (124.9 mM) (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0816 mL	10.4082 mL	20.8164 mL
5 mM	0.4163 mL	2.0816 mL	4.1633 mL
10 mM	0.2082 mL	1.0408 mL	2.0816 mL
50 mM	0.0416 mL	0.2082 mL	0.4163 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

Willard FS, et al. Discovery of an Orally Efficacious Positive Allosteric Modulator of the Glucagon-like Peptide-1 Receptor. J Med Chem. 2021 Mar 25;64(6):3439-3448.

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