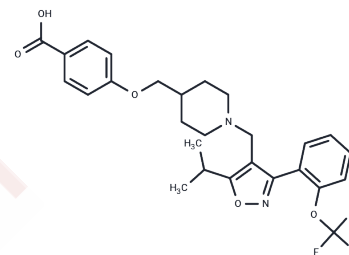


LZ-007

## Chemical Properties

CAS No. : 2920000-23-1  
 Formula: C<sub>27</sub>H<sub>29</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>  
 Molecular Weight: 518.53  
 Storage: 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	LZ-007 is an agonist of the Farnesoid X receptor (FXR), with an EC <sub>50</sub> of 51 nM as determined by TR-FRET assay, and an EC <sub>50</sub> of 76 nM in HepG2 cells. It exhibits favorable pharmacokinetic properties in SD rats and can improve metabolic dysfunction-associated steatohepatitis induced by high-fat diets and CCl <sub>4</sub> in mice.
Targets(IC <sub>50</sub> )	FXR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9285 mL	9.6426 mL	19.2853 mL
5 mM	0.3857 mL	1.9285 mL	3.8571 mL
10 mM	0.1929 mL	0.9643 mL	1.9285 mL
50 mM	0.0386 mL	0.1929 mL	0.3857 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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