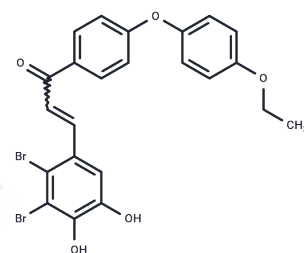


LXQ-87

## Chemical Properties

CAS No. : 2524718-73-6  
 Formula: C<sub>23</sub>H<sub>18</sub>Br<sub>2</sub>O<sub>5</sub>  
 Molecular Weight: 534.19  
 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	LXQ-87 is an orally administered, non-competitive inhibitor of PTP1B with an IC <sub>50</sub> of 1.061 μM, demonstrating hypoglycemic activity. It alleviates insulin resistance and enhances cellular glucose uptake, making it useful for type 2 diabetes research.
Targets(IC <sub>50</sub> )	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.872 mL	9.360 mL	18.7199 mL
5 mM	0.3744 mL	1.872 mL	3.744 mL
10 mM	0.1872 mL	0.936 mL	1.872 mL
50 mM	0.0374 mL	0.1872 mL	0.3744 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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