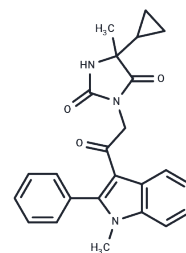


IXA62

## Chemical Properties

CAS No. : 956783-34-9  
 Formula: C<sub>24</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 401.458  
 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	IXA62 is an orally active, selective IRE1/XBP1s agonist (EC <sub>50</sub> = 0.31 μM) that can reduce Aβ secretion.
Targets(IC <sub>50</sub> )	Beta Amyloid, IRE1
In vitro	IXA62 is a selective activator of IRE1/XBP1s that reduces Aβ secretion in CHO 7PA2 cells and enhances glucose-stimulated insulin secretion in rat insulinoma cells, demonstrating effects similar to IXA4 in these experiments.
In vivo	IXA62 (orally or i.p, 50 mg/kg) robustly and selectively activates the IRE1/XBP1s signaling pathway in the liver of mice.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4909 mL	12.4545 mL	24.9091 mL
5 mM	0.4982 mL	2.4909 mL	4.9818 mL
10 mM	0.2491 mL	1.2455 mL	2.4909 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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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