

SKLB-11A

Chemical Properties

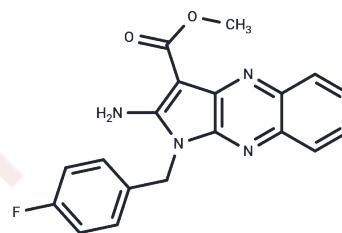
CAS No. : 433953-86-7

Formula: C₁₉H₁₅N₄O₂

Molecular Weight: 350.35

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	SKLB-11A is a potent allosteric agonist of SIRT3 (sirtuin 3). It activates signaling pathways associated with autophagy (autophagy), helps prevent mitochondrial dysfunction, and improves cardiac function in models of Doxorubicin-induced cardiotoxicity as well as myocardial ischemia/reperfusion.
Targets(IC50)	Autophagy,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8543 mL	14.2714 mL	28.5429 mL
5 mM	0.5709 mL	2.8543 mL	5.7086 mL
10 mM	0.2854 mL	1.4271 mL	2.8543 mL
50 mM	0.0571 mL	0.2854 mL	0.5709 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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