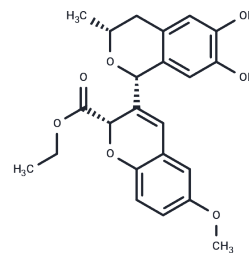


JE-133

Chemical Properties

CAS No. : 2579171-69-8
 Formula: C₂₃H₂₄O₇
 Molecular Weight: 412.43
 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	JE-133, an optically active isochromane-2H-chromene conjugate, displays both antioxidant and anti-inflammatory properties. As a neuroprotective agent, it effectively counters neuronal oxidative damage through modulation of the PI3K/Akt and MAPK signaling pathways. Additionally, JE-133 can suppress lipopolysaccharide (LPS)-induced neuroinflammation by influencing the JAK/STAT and Nrf2 signaling pathways [1] [2].
Targets(IC50)	Akt,p38 MAPK,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4247 mL	12.1233 mL	24.2465 mL
5 mM	0.4849 mL	2.4247 mL	4.8493 mL
10 mM	0.2425 mL	1.2123 mL	2.4247 mL
50 mM	0.0485 mL	0.2425 mL	0.4849 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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