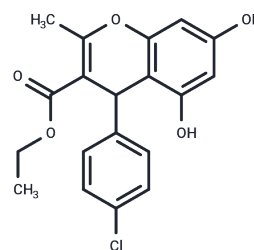


JNK-IN-24

## Chemical Properties

CAS No. : 2226808-28-0  
 Formula: C<sub>19</sub>H<sub>17</sub>ClO<sub>5</sub>  
 Molecular Weight: 360.79  
 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	JNK-IN-24 is a JNK inhibitor and an anti-metastatic cancer agent. It reduces the expression of JNK and MMP1 in cancer tissues induced by Scrib knockdown. JNK-IN-24 aids in the recovery of the ScribRNAi tumor disc phenotype and is applicable for studying various epithelial-derived cancers.
Targets(IC50)	MMP,JNK
In vivo	JNK-IN-24 (Compound 5 f), incorporated into corn agar-based food medium at concentrations ranging from 15 to 1000 $\mu$ M, does not exhibit lethality during the development of wild-type pupae. Within the 250-1000 $\mu$ M range, JNK-IN-24 can prevent early pupal death, allowing complete differentiation into pre-emergent adults and aiding recovery of Scrib Scrib RNAi tumor wing disc phenotypes.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7717 mL	13.8585 mL	27.717 mL
5 mM	0.5543 mL	2.7717 mL	5.5434 mL
10 mM	0.2772 mL	1.3858 mL	2.7717 mL
50 mM	0.0554 mL	0.2772 mL	0.5543 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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