

KAI-11101

## Chemical Properties

CAS No. : 3099935-02-8

Formula:

Molecular Weight:

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	KAI-11101 is an inhibitor of dual leucine zipper kinase (DLK, MAP3K12) with a $K_i$ of 0.7 nM. It effectively suppresses paclitaxel-induced cjun phosphorylation ( $IC_{50}=95$ nM), thereby inhibiting the activation of the MAPK pathway. KAI-11101 exhibits blood-brain barrier permeability, allowing for further exploration of its neuroprotective properties.
Targets( $IC_{50}$ )	MAPK,p38 MAPK,MAP3K

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481