

SBI-0640726

Chemical Properties

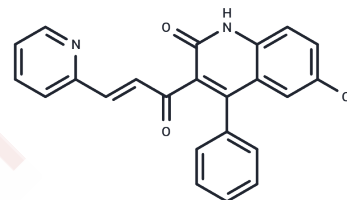
CAS No. : 1321827-45-5

Formula: C₂₃H₁₅ClN₂O₂

Molecular Weight: 386.83

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	SBI-0640726, an eIF4G1 inhibitor, exhibits antiproliferative activity against melanoma. It disrupts the eIF4F translation initiation complex by inhibiting the AKT and NF-κB signaling pathways. Additionally, SBI-0640726 inhibits the growth of melanoma with NRAS and BRAF mutations in vitro.
Targets(IC50)	NF-κB,Akt,PERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5851 mL	12.9256 mL	25.8511 mL
5 mM	0.517 mL	2.5851 mL	5.1702 mL
10 mM	0.2585 mL	1.2926 mL	2.5851 mL
50 mM	0.0517 mL	0.2585 mL	0.517 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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