

SBI-0087702

Chemical Properties

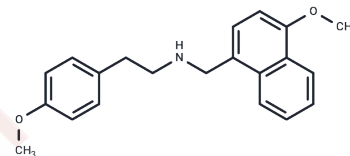
CAS No. : 864431-36-7

Formula: C₂₁H₂₃NO₂

Molecular Weight: 321.413

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-0087702 enhances the cytoplasmic localization of ATF2 in melanoma cells. Induced translocation of ATF2 by SBI-0087702 to the mitochondria results in the loss of mitochondrial membrane integrity, thereby increasing apoptosis. Additionally, SBI-0087702 inhibits the growth and motility of melanoma cells. It also suppresses the phosphorylation of ATF2 at the Thr52 site by PKCε.
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1113 mL	15.5565 mL	31.1129 mL
5 mM	0.6223 mL	3.1113 mL	6.2226 mL
10 mM	0.3111 mL	1.5556 mL	3.1113 mL
50 mM	0.0622 mL	0.3111 mL	0.6223 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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