

MHJ-627

Chemical Properties

CAS No. :

Formula: C34H45BrN2O3

Molecular Weight: 609.64

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	MHJ-627, a potent inhibitor of ERK5 (MAPK7) with an IC50 value of 0.91 μ M, enhances the mRNA expression of tumor suppressors and anti-metastatic genes, leading to the promotion of cancer cell death [1].
Targets(IC50)	ERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6403 mL	8.2016 mL	16.4031 mL
5 mM	0.3281 mL	1.6403 mL	3.2806 mL
10 mM	0.164 mL	0.8202 mL	1.6403 mL
50 mM	0.0328 mL	0.164 mL	0.3281 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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