

MEK-IN-5

Chemical Properties

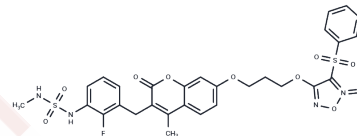
CAS No. : 2417022-06-9

Formula: C₂₉H₂₇FN₄O₁₀S₂

Molecular Weight: 674.67

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	MEK-IN-5, a potent MEK inhibitor and nitric oxide (NO) donor, effectively decreases pMEK and pERK levels in a dose-dependent and time-dependent fashion. Additionally, it induces apoptosis in MDA-MB-231 cells.
Targets(IC50)	Apoptosis,Others,MEK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4822 mL	7.411 mL	14.8221 mL
5 mM	0.2964 mL	1.4822 mL	2.9644 mL
10 mM	0.1482 mL	0.7411 mL	1.4822 mL
50 mM	0.0296 mL	0.1482 mL	0.2964 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481