

MEK-IN-6

## Chemical Properties

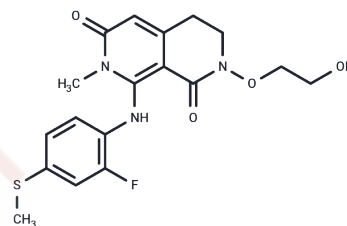
CAS No. : 2845151-86-0

Formula: C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub>S

Molecular Weight: 393.43

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-6 (Example 69), a potent MEK inhibitor, effectively inhibits ERK1/2 (Thr202/Tyr204) phosphorylation in A375 cells, with an IC <sub>50</sub> of 2 nM, making it valuable for cancer research [1].
Targets(IC <sub>50</sub> )	ERK,MEK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5417 mL	12.7087 mL	25.4175 mL
5 mM	0.5083 mL	2.5417 mL	5.0835 mL
10 mM	0.2542 mL	1.2709 mL	2.5417 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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