

MEK1/2-IN-3

Chemical Properties

CAS No. :

Formula: C28H23F3IN3O4

Molecular Weight: 649.4

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	MEK1/2-IN-3 (Compound M15) is an inhibitor of MEK1, with an IC50 value of 10.29 nM. It effectively suppresses tumor cell proliferation and migration, induces apoptosis, and exhibits good liver microsomal stability. MEK1/2-IN-3 is applicable in the study of solid tumors.
Targets(IC50)	MEK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5399 mL	7.6994 mL	15.3988 mL
5 mM	0.308 mL	1.5399 mL	3.0798 mL
10 mM	0.154 mL	0.7699 mL	1.5399 mL
50 mM	0.0308 mL	0.154 mL	0.308 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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