

MIF2-IN-1

Chemical Properties

CAS No. :

Formula: C₂₆H₁₉F₃N₂O₂S

Molecular Weight: 480.5

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	MIF2-IN-1 (compound 5d) is a potent MIF2 tautomerase inhibitor (IC ₅₀ : 1.0 μM) that inhibits the proliferation of non-small cell lung cancer cells by arresting the cell cycle through the MAPK pathway, with potential applications in cancer disease studies.
Targets(IC ₅₀)	Others,MIF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0812 mL	10.4058 mL	20.8117 mL
5 mM	0.4162 mL	2.0812 mL	4.1623 mL
10 mM	0.2081 mL	1.0406 mL	2.0812 mL
50 mM	0.0416 mL	0.2081 mL	0.4162 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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