

PKM2-IN-8

Chemical Properties

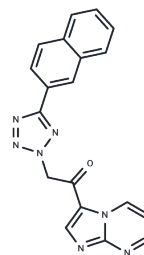
CAS No. :

Formula: C₁₉H₁₃N₇O

Molecular Weight: 355.353

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	PKM2-IN-8 (Compound 9b) is an inhibitor of pyruvate kinase M2 (PKM2) with an IC ₅₀ of 0.31 μM. It exhibits potent antiproliferative activity against U87MG glioma cells. PKM2-IN-8 induces early apoptosis and reduces lactate levels. This compound is useful for research in glioblastoma.
Targets(IC ₅₀)	Apoptosis,PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8141 mL	14.0706 mL	28.1413 mL
5 mM	0.5628 mL	2.8141 mL	5.6283 mL
10 mM	0.2814 mL	1.4071 mL	2.8141 mL
50 mM	0.0563 mL	0.2814 mL	0.5628 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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