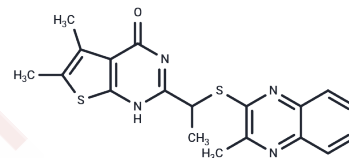


JNK-IN-23

Chemical Properties

CAS No. : 1007786-48-2
 Formula: C₁₉H₁₈N₄O₂
 Molecular Weight: 382.50
 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	JNK-IN-23 (Compound K12) is an inhibitor of JNK. It effectively inhibits the proliferation of MDA-MB-231 cells with a GI ₅₀ of 30 nM. In vivo, JNK-IN-23 blocks metastatic growth of triple-negative breast cancer (TNBC). Additionally, it suppresses the growth of lung metastases by dual targeting of glutaminase-1 (GLS) and the pyruvate dehydrogenase complex (PDHC).
Targets(IC ₅₀)	JNK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6144 mL	13.0719 mL	26.1438 mL
5 mM	0.5229 mL	2.6144 mL	5.2288 mL
10 mM	0.2614 mL	1.3072 mL	2.6144 mL
50 mM	0.0523 mL	0.2614 mL	0.5229 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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