

JNK2-IN-1

Chemical Properties

CAS No. :

Formula: C₃₀H₂₆N₄O₅

Molecular Weight: 522.55

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	JNK2-IN-1 (Compound J27), a selective JNK2 inhibitor with a dissociation constant (Kd) of 79.2 μ M, exhibits anti-inflammatory effects by attenuating TNF- α and IL-6 secretion via inhibition of the NF- κ B/MAPK pathway. It effectively mitigates symptoms associated with LPS-induced acute lung injury (ALI) and sepsis [1].
Targets(IC50)	JNK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9137 mL	9.5685 mL	19.1369 mL
5 mM	0.3827 mL	1.9137 mL	3.8274 mL
10 mM	0.1914 mL	0.9568 mL	1.9137 mL
50 mM	0.0383 mL	0.1914 mL	0.3827 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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