

JNK-IN-C6

## Chemical Properties

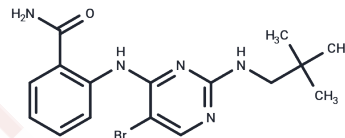
CAS No. : 3047792-52-6

Formula: C<sub>16</sub>H<sub>20</sub>BrN<sub>5</sub>O

Molecular Weight: 378.27

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-C6 (compound C6) is an effective JNK1 inhibitor (IC <sub>50</sub> = 33.5 nM) that can be used in research on diseases such as IPF (idiopathic pulmonary fibrosis).
Targets(IC50)	JNK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6436 mL	13.2181 mL	26.4361 mL
5 mM	0.5287 mL	2.6436 mL	5.2872 mL
10 mM	0.2644 mL	1.3218 mL	2.6436 mL
50 mM	0.0529 mL	0.2644 mL	0.5287 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.

## Reference

Qian H, et al. Synthesis-accessibility-oriented design of c-Jun N-terminal kinase 1 inhibitor. Eur J Med Chem. 2023; 256:115442.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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