

JNK-1-IN-2

## Chemical Properties

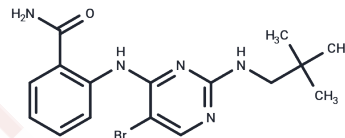
CAS No. :

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-1-IN-2 (Compound c6) is a potent inhibitor of JNK-1 with an IC <sub>50</sub> of 33.5 nM, and also exhibits inhibitory effects on JNK-2 and JNK-3 with IC <sub>50</sub> values of 112.9 nM and 33.2 nM, respectively. This compound effectively inhibits the phosphorylation of c-Jun and has shown potential in reversing lung impairment, making it relevant for research into pulmonary fibrosis [1]."
Targets(IC <sub>50</sub> )	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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481