

## c-Met-IN-24

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>4</sub>S

Molecular Weight: 442.88

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	c-Met-IN-24 (compound 3g) serves as a dual-target inhibitor for STAT-3 (=4.7 μM) and c-MET (=12.67 μM), exhibiting anticancer properties. It arrests the G2/M cell cycle and induces apoptosis in SNB-75 cells, making it applicable in the research of central nervous system cancers.
Targets(IC50)	Apoptosis,STAT,c-Met/HGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2579 mL	11.2897 mL	22.5795 mL
5 mM	0.4516 mL	2.2579 mL	4.5159 mL
10 mM	0.2258 mL	1.129 mL	2.2579 mL
50 mM	0.0452 mL	0.2258 mL	0.4516 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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