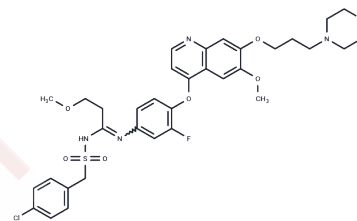


## c-Met-IN-14

## Chemical Properties

CAS No. :	2443380-34-3
Formula:	C <sub>34</sub> H <sub>38</sub> ClFN <sub>4</sub> O <sub>7</sub> S
Molecular Weight:	701.2
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-14, a N-sulfonylamidine-based derivative, is a selective c-Met kinase inhibitor with an IC <sub>50</sub> value of 2.89 nM. It exhibits anticancer properties by inhibiting c-Met phosphorylation and arresting the cell cycle at the G <sub>2</sub> /M phase. Additionally, c-Met-IN-14 promotes dose-dependent apoptosis in A549 cells.
Targets(IC <sub>50</sub> )	Apoptosis,Others,FLT,c-Kit,c-Met/HGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4261 mL	7.1306 mL	14.2613 mL
5 mM	0.2852 mL	1.4261 mL	2.8523 mL
10 mM	0.1426 mL	0.7131 mL	1.4261 mL
50 mM	0.0285 mL	0.1426 mL	0.2852 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