

## Antitumor agent-111

## Chemical Properties

CAS No. :

Formula: C<sub>34</sub>H<sub>29</sub>ClF<sub>2</sub>N<sub>6</sub>O<sub>5</sub>

Molecular Weight: 675.08

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	Antitumor Agent-111 (Compound 46), a c-Met kinase inhibitor (IC <sub>50</sub> = 46 nM), exhibits both antitumor and antiproliferative effects. It impedes the cell cycle at the G <sub>0</sub> /G <sub>1</sub> phase and induces apoptosis [1].
Targets(IC <sub>50</sub> )	c-Met/HGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4813 mL	7.4065 mL	14.8131 mL
5 mM	0.2963 mL	1.4813 mL	2.9626 mL
10 mM	0.1481 mL	0.7407 mL	1.4813 mL
50 mM	0.0296 mL	0.1481 mL	0.2963 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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