

## ATM Inhibitor-9

## Chemical Properties

CAS No. :

Formula: C<sub>25</sub>H<sub>32</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 448.56

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	ATM Inhibitor-9 (Compd 7a) is a potent ATM kinase inhibitor with an IC <sub>50</sub> of 5 nM, used in cancer research [1].
Targets(IC <sub>50</sub> )	ATM/ATR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2294 mL	11.1468 mL	22.2936 mL
5 mM	0.4459 mL	2.2294 mL	4.4587 mL
10 mM	0.2229 mL	1.1147 mL	2.2294 mL
50 mM	0.0446 mL	0.2229 mL	0.4459 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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