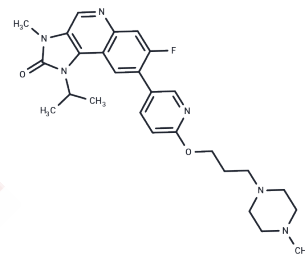


ATM Inhibitor-11

Chemical Properties

CAS No. :	2878473-51-7
Formula:	C ₂₇ H ₃₃ FN ₆ O ₂
Molecular Weight:	492.59
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	ATMinhibitor-11 (Compound 1) is an inhibitor of ATM with an IC ₅₀ of 0.32 nM. It also inhibits KAP1 phosphorylation with an IC ₅₀ of 0.97 nM. This compound exhibits high exposure in the brain, heart, and plasma of ICR mice. Furthermore, ATMinhibitor-11 demonstrates antitumor activity in the NCI-H441 xenograft mouse model.
Targets(IC ₅₀)	ATM/ATR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0301 mL	10.1504 mL	20.3009 mL
5 mM	0.406 mL	2.0301 mL	4.0602 mL
10 mM	0.203 mL	1.015 mL	2.0301 mL
50 mM	0.0406 mL	0.203 mL	0.406 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481