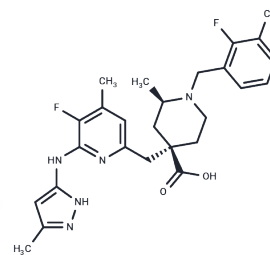


JAB-2485

## Chemical Properties

CAS No. : 2899209-55-1  
 Formula: C<sub>25</sub>H<sub>28</sub>ClF<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 503.97  
 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	JAB-2485 is a highly potent and selective inhibitor of Aurora kinase A (AURKA), boasting an IC <sub>50</sub> of 0.33 nM, and demonstrates approximately 1700-fold selectivity for AURKA over AURKB. It induces cell cycle arrest and apoptosis, making it a valuable compound for cancer research [1].
Targets(IC <sub>50</sub> )	Apoptosis,Aurora Kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9842 mL	9.9212 mL	19.8425 mL
5 mM	0.3968 mL	1.9842 mL	3.9685 mL
10 mM	0.1984 mL	0.9921 mL	1.9842 mL
50 mM	0.0397 mL	0.1984 mL	0.3968 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

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