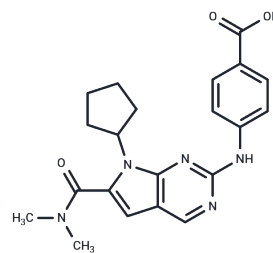


## Aurora-A ligand 1

## Chemical Properties

CAS No. :	2541626-73-5
Formula:	C <sub>21</sub> H <sub>23</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	393.439
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Aurora-A ligand 1 is a potent and selective inhibitor of Aurora-A, exhibiting a dissociation constant (K <sub>d</sub> ) of 0.85 nM. It serves as a target protein ligand [PROTAC target protein ligand] in the development of PROTAC Aurora-A degraders with antitumor activity. Additionally, Aurora-A ligand 1 is utilized in the synthesis of HLB-0532259, which exhibits antitumor effects against neuroblastoma.
Targets(IC50)	Aurora Kinase, Ligands for Target Protein for PROTAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5417 mL	12.7084 mL	25.4168 mL
5 mM	0.5083 mL	2.5417 mL	5.0834 mL
10 mM	0.2542 mL	1.2708 mL	2.5417 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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