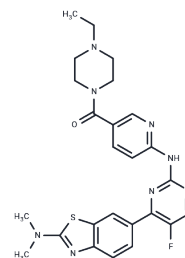


YK-2-69

## Chemical Properties

CAS No. : 2619846-89-6  
 Formula: C<sub>25</sub>H<sub>27</sub>N<sub>8</sub>O<sub>2</sub>  
 Molecular Weight: 506.6  
 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	YK-2-69 is a highly selective DYRK2 inhibitor with anti-prostate cancer effects.
Targets(IC50)	DYRK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9739 mL	9.8697 mL	19.7394 mL
5 mM	0.3948 mL	1.9739 mL	3.9479 mL
10 mM	0.1974 mL	0.987 mL	1.9739 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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.

## Reference

Peng Yang, et al. Cdk6/dyrk2 dual-target inhibitor, and preparation method therefor and use thereof: US20230303553A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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