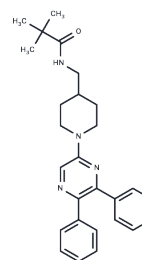


## Skp2 inhibitor 2

## Chemical Properties

CAS No. :	2760612-77-7
Formula:	C <sub>27</sub> H <sub>32</sub> N <sub>4</sub> O
Molecular Weight:	428.57
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	Skp2 inhibitor 2 (14f) impedes the F-box protein S-phase kinase-associated protein 2 (Skp2), demonstrating an IC <sub>50</sub> of 10.2 μM against Skp2-Cks1. This compound targets Skp2, a component of cullin-RING ligases that recruits and ubiquitinates substrates, playing roles in both proteolytic and non-proteolytic processes [1].
Targets(IC <sub>50</sub> )	E1/E2/E3 Enzyme

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3333 mL	11.6667 mL	23.3334 mL
5 mM	0.4667 mL	2.3333 mL	4.6667 mL
10 mM	0.2333 mL	1.1667 mL	2.3333 mL
50 mM	0.0467 mL	0.2333 mL	0.4667 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

Zhang K, et al. Discovery of Novel 1,3-Diphenylpyrazine Derivatives as Potent S-Phase Kinase-Associated Protein 2 (Skp2) Inhibitors for the Treatment of Cancer. J Med Chem. 2023 Jun 8;66(11):7221-7242.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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