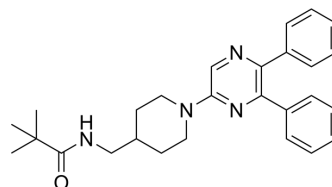


Skp2 inhibitor 2

Cat. No.:	HY-153937
CAS No.:	2760612-77-7
Molecular Formula:	C ₂₇ H ₃₂ N ₄ O
Molecular Weight:	428.57
Target:	E1/E2/E3 Enzyme
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12 mg/mL (28.00 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass			
	1 mg	5 mg	10 mg	
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	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Skp2 inhibitor 2 (14f) is an inhibitor of F-box protein S-phase kinase-associated protein 2 (Skp2), with an IC₅₀ value of 10.2 μM (Skp2-Cks1). Skp2 is a part of cullin-RING ligases, which recruits and ubiquitinates substrates, involving in proteolytic and non-proteolytic process^[1].

IC₅₀ & Target

cullin-RING ligases^[1]

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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