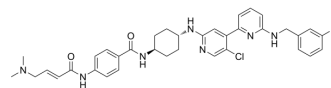


XPW1

Cat. No.:	HY-149673		
CAS No.:	2700286-66-2		
Molecular Formula:	C ₃₆ H ₃₉ ClFN ₇ O ₂		
Molecular Weight:	656.19		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (47.62 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5239 mL	7.6197 mL	15.2395 mL
	5 mM	0.3048 mL	1.5239 mL	3.0479 mL
	10 mM	0.1524 mL	0.7620 mL	1.5239 mL

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

BIOLOGICAL ACTIVITY

Description

XPW1 is a potent and selective CDK9 inhibitor with excellent activity against clear cell renal cell carcinoma (ccRCC) and low toxicity^[1].

REFERENCES

[1]. Kuang Z, et al. The novel CDK9 inhibitor, XPW1, alone and in combination with BRD4 inhibitor JQ1, for the treatment of clear cell renal cell carcinoma. Br J Cancer. 2023 Oct 26.

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

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