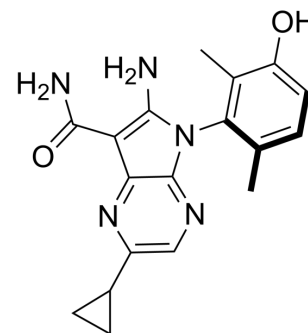


Myt1-IN-3

Cat. No.:	HY-145666		
CAS No.:	2719793-54-9		
Molecular Formula:	C ₁₈ H ₁₉ N ₅ O ₂		
Molecular Weight:	337.38		
Target:	Wee1		
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 : 125 mg/mL (370.50 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9640 mL	14.8201 mL	29.6402 mL
	5 mM	0.5928 mL	2.9640 mL	5.9280 mL
	10 mM	0.2964 mL	1.4820 mL	2.9640 mL

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

BIOLOGICAL ACTIVITY

Description

Myt1-IN-3 is a potent Myt1 inhibitor with an IC₅₀s of <10 nM (WO2021195782 A1, compound 95)^[1].

REFERENCES

[1]. Daniel Durocher, et al. Methods of using myt1 inhibitors. WO2021195782 A1.

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

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