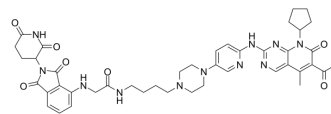


CDK4/6-IN-11

Cat. No.:	HY-144995		
CAS No.:	2139329-47-6		
Molecular Formula:	C ₄₃ H ₄₉ N ₁₁ O ₇		
Molecular Weight:	831.92		
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 : 25 mg/mL (30.05 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2020 mL	6.0102 mL	12.0204 mL
5 mM	0.2404 mL	1.2020 mL	2.4041 mL
10 mM	0.1202 mL	0.6010 mL	1.2020 mL

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

BIOLOGICAL ACTIVITY

Description

CDK4/6-IN-11 is a potent PROTAC CDK4/6 degrader.

REFERENCES

[1]. Nathanael S. Gray, et al. Degradation of cyclin-dependent kinase 4/6 (cdk4/6) by conjugation of cdk4/6 inhibitors with e3 ligase ligand and methods of use. WO2020023480 A1.

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

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