

CDK7/9 tide

Cat. No.:	HY-P2559		
Molecular Formula:	C ₁₂₀ H ₁₈₅ N ₂₉ O ₄₁		
Molecular Weight:	2690		
Sequence Shortening:	YSPTSPSYSPTSPSYSPTSPSKKKK	YSPTSPSYSPTSPSYSPTSPSKKKK	
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Sealed storage, away from moisture		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)		

SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (3.72 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.3717 mL	1.8587 mL	3.7175 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

CDK7/9 tide is peptide substrate for CDK7 or CDK9^[1].

REFERENCES

[1]. Robert T, et, al. Development of a CDK10/CycM in vitro Kinase Screening Assay and Identification of First Small-Molecule Inhibitors. Front Chem. 2020 Feb 27; 8:147.

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

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