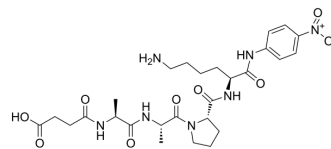


Suc-AAPK-pNA

Cat. No.:	HY-P4484
CAS No.:	108929-39-1
Molecular Formula:	C ₂₇ H ₃₉ N ₇ O ₉
Molecular Weight:	605.64
Sequence:	{Suc}-Ala-Ala-Pro-Lys-{pNA}
Sequence Shortening:	{Suc}-AAPK-{pNA}
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (165.11 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6511 mL	8.2557 mL	16.5115 mL
5 mM	0.3302 mL	1.6511 mL	3.3023 mL
10 mM	0.1651 mL	0.8256 mL	1.6511 mL

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

BIOLOGICAL ACTIVITY

Description

Suc-AAPK-pNA is a chromogenic substrate for the determination of serine/threonine kinase activity and enzyme kinetic parameters^[1].

REFERENCES

[1]. Radisky ES, et, al. Insights into the serine protease mechanism from atomic resolution structures of trypsin reaction intermediates. Proc Natl Acad Sci U S A. 2006 May 2;103(18):6835-40.

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

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