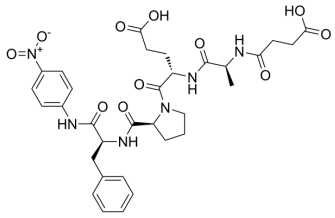
Suc-Ala-Glu-Pro-Phe-pNA

Cat. No.:	HY-P4202
CAS No.:	128802-76-6
Molecular Formula:	$C_{32}H_{38}N_6O_{11}$
Molecular Weight:	682.68
Sequence:	{Suc}-Ala-Glu-Pro-Phe-{pNA}
Sequence Shortening:	{Suc}-AEPF-{pNA}
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Sealed storage, away from moisture and light 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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (183.10 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.4648 mL	7.3241 mL	14.6482 mL
	5 mM	0.2930 mL	1.4648 mL	2.9296 mL
	10 mM	0.1465 mL	0.7324 mL	1.4648 mL

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

BIOLOGICAL ACTIVITY

Description

Suc-Ala-Glu-Pro-Phe-pNA (Suc-AEPF-pNA) is a chromogenic substrate for the peptidylprolyl isomerase Pin1. Suc-Ala-Glu-Pro-Phe-pNA can be used to evaluate the inhibitory effect of the target compound on Pin1, and catalytic activity of Pin1, etc [1][2].

REFERENCES

[1]. Subedi A, et al. Discovery of novel selenium derivatives as Pin1 inhibitors by high-throughput screening. Biochem Biophys Res Commun. 2016 Jun 3;474(3):528-533.

[2]. Liu C, et al. Imazamethabenz inhibits human breast cancer cell proliferation, migration and invasion via combination with Pin1. Mol Med Rep. 2017 May;15(5):3210-3214.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA