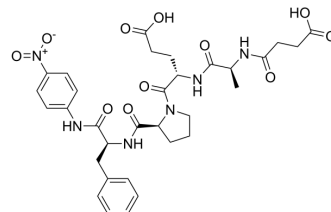


## Suc-Ala-Glu-Pro-Phe-pNA

<b>Cat. No.:</b>	HY-P4202
<b>CAS No.:</b>	128802-76-6
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>38</sub> N <sub>6</sub> O <sub>11</sub>
<b>Molecular Weight:</b>	682.68
<b>Sequence:</b>	{Suc}-Ala-Glu-Pro-Phe-{pNA}
<b>Sequence Shortening:</b>	{Suc}-AEPF-{pNA}
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	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)

Concentration	Mass		
	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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA