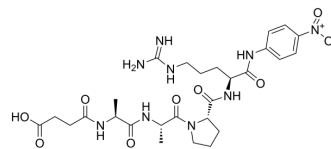


## Suc-AAPR-pNA

Cat. No.:	HY-P4477
CAS No.:	131068-47-8
Molecular Formula:	C <sub>27</sub> H <sub>39</sub> N <sub>9</sub> O <sub>9</sub>
Molecular Weight:	633.65
Sequence:	{Suc-Ala}-Ala-Pro-{Arg-pNA}
Sequence Shortening:	{Suc-Ala}-AP-{Arg-pNA}
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Suc-AAPR-pNA is a substrate of trypsin acyl-enzymes. Suc-AAPR-pNA can be used to test trypsin acyl-enzymes activity <sup>[1][2]</sup> .
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### REFERENCES

- [1]. DeSantis G, et, al. Toward tailoring the specificity of the S1 pocket of subtilisin B. lentus: chemical modification of mutant enzymes as a strategy for removing specificity limitations. *Biochemistry*. 1999 Oct 5;38(40):13391-7.
- [2]. 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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