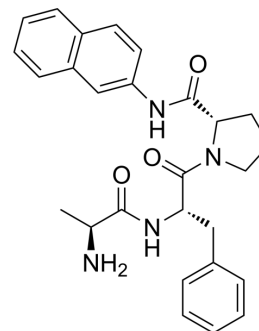


Ala-Phe-Pro-βNA

Cat. No.:	HY-P4528
CAS No.:	749831-27-4
Molecular Formula:	C ₂₇ H ₃₀ N ₄ O ₃
Molecular Weight:	458.55
Sequence:	Ala-Phe-Pro-βNA
Sequence Shortening:	AFP-βNA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ala-Phe-Pro-βNA is the substrate of prolyl tripeptidyl aminopeptidase, which is from *Porphyromonas gingivalis*. Ala-Phe-Pro-βNA binds to H-Ala-Ile-pyrrolidin-2-yl boronic acid for PTP39 and the E636A mutant with K_i values of 88.1 nM and 48.8 nM, respectively^[1].

REFERENCES

[1]. Xu Y, et al. Novel inhibitor for prolyl tripeptidyl aminopeptidase from *Porphyromonas gingivalis* and details of substrate-recognition mechanism. *J Mol Biol.* 2008 Jan 18;375(3):708-19.

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

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