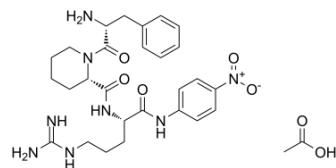


H-D-Phe-Pip-Arg-pNA acetate

Cat. No.:	HY-123275B		
CAS No.:	115388-96-0		
Molecular Formula:	C ₂₉ H ₄₀ N ₈ O ₇		
Molecular Weight:	612.68		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

H-D-Phe-Pip-Arg-pNA (S-2238) acetate, a chromogenic substrate, is patterned after the N-terminal portion of the A alpha chain of fibrinogen, which is the natural substrate of thrombin. H-D-Phe-Pip-Arg-pNA acetate is specific for thrombin and is used to measure antithrombin-heparin cofactor (AT-III). The AT-III assay using H-D-Phe-Pip-Arg-pNA acetate is sensitive, accurate, and easy to perform^{[1][2]}.

REFERENCES

[1]. Goodnight SH Jr, et al. Measurement of antithrombin III in normal and pathologic states using chromogenic substrate S-2238. Comparison with immunoelectrophoretic and factor Xa inhibition assays. *Am J Clin Pathol.* 1980;73(5):639-647.

[2]. Voorthuizen H, Kluit C. Improved assay conditions for automated antithrombin III determinations with the chromogenic substrate S-2238. *Thromb Haemost.* 1984;52(3):350-353.

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

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