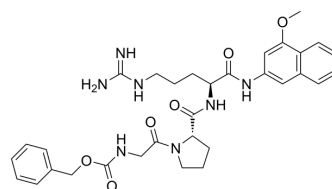


Z-Gly-Pro-Arg-4MβNA

Cat. No.:	HY-P4593
CAS No.:	66647-41-4
Molecular Formula:	C ₃₂ H ₃₉ N ₇ O ₆
Molecular Weight:	617.7
Sequence:	{Cbz}-Gly-Pro-Arg-{4MβNA}
Sequence Shortening:	{Cbz}-GPR-{4MβNA}
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Z-Gly-Pro-Arg-4MβNA is the cleavage of the substrate of thrombin to release free 4-methoxy-2-naphthylamine (4MβNA). Free 4MβNA can be captured by 5-nitrosalicylaldehyde to produce an insoluble yellow fluorescent and marks the site of thrombin activity^[1].

REFERENCES

[1]. Bushi D, et al. A novel histochemical method for the visualization of thrombin activity in the nervous system. *Neuroscience*. 2016 Apr 21;320:93-104.

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

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