

NBD-Arg-Pro-Lys-Pro-Leu-Ala-Nva-Trp-Lys-(DMC)-NH₂

Cat. No.:	HY-P4937
CAS No.:	945414-97-1
Molecular Formula:	C ₇₈ H ₁₁₁ N ₂₁ O ₁₆
Molecular Weight:	1598.85
Sequence:	{NBD}-Arg-Pro-Lys-Pro-Leu-Ala-{Nva}-Trp-{Lys(DMC)}-NH ₂
Sequence Shortening:	{NBD}-RPKPLA-{Nva}-W-{Lys(DMC)}-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	NBD-Arg-Pro-Lys-Pro-Leu-Ala-Nva-Trp-Lys-(DMC)-NH ₂ is a substrate for hydrolysis of the matrix metalloproteinase stromelysin (MMP-3) and can be easily detected at Abs/Em=350/465 nm ^[1] .
IC ₅₀ & Target	others

REFERENCES

[1]. D M Bickett, et al. A high throughput fluorogenic substrate for stromelysin (MMP-3).Ann N Y Acad Sci. 1994 Sep 6:732:351-5.

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

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