

## Arg-Val-(Nle-p-nitro)-Phe-Glu-Ala-Nle-NH<sub>2</sub>

Cat. No.:	HY-P4466
CAS No.:	130877-92-8
Molecular Formula:	C <sub>40</sub> H <sub>66</sub> N <sub>12</sub> O <sub>11</sub>
Molecular Weight:	891.03
Sequence:	Arg-Val-{Nle-p-nitro}-Phe-Glu-Ala-{Nle}-NH <sub>2</sub>
Sequence Shortening:	RV-{Nle-p-nitro}-Phe-EA-{Nle}-NH <sub>2</sub>
Target:	HIV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Arg-Val-(Nle-p-nitro)-Phe-Glu-Ala-Nle-NH<sub>2</sub> is a fluorogenic substrate of HIV-1 protease. Arg-Val-(Nle-p-nitro)-Phe-Glu-Ala-Nle-NH<sub>2</sub> can be used to test HIV-1 protease activity<sup>[1]</sup>.

### REFERENCES

[1]. Schramm HJ, et, al. Lipopeptides as dimerization inhibitors of HIV-1 protease. Biol Chem. 1999 May;380(5):593-6.

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

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