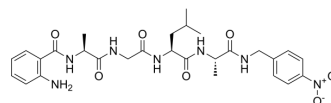


Abz-AGLA-Nba

Cat. No.:	HY-P4406
CAS No.:	100307-95-7
Molecular Formula:	C ₂₈ H ₃₇ N ₇ O ₇
Molecular Weight:	583.64
Sequence:	{Abz}-Ala-Gly-Leu-Ala-{p-Nitrobenzylamide}
Sequence Shortening:	{Abz}-AGLA-{p-Nitrobenzylamide}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Abz-AGLA-Nba is a fluorogenic substrate for the determination of protease activity. Abz-AGLA-Nba is hydrolyzed to release aminoacyl benzimide (Abz-AGLA) and 2-naphthylaminoacyl (Nba). The product Abz-AGLA produced by this hydrolysis reaction is fluorescent under ultraviolet light and can emit a fluorescent signal^[1].

REFERENCES

[1]. Everett MJ, et al. Chemical Optimization of Selective Pseudomonas aeruginosa LasB Elastase Inhibitors and Their Impact on LasB-Mediated Activation of IL-1 β in Cellular and Animal Infection Models. ACS Infect Dis. 2023 Feb 10;9(2):270-282.

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

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