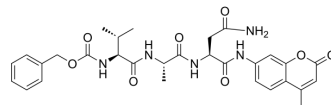


Z-VAN-AMC

Cat. No.:	HY-P4427
CAS No.:	245036-58-2
Molecular Formula:	C ₃₀ H ₃₅ N ₅ O ₈
Molecular Weight:	593.63
Sequence:	Z-Val-Ala-Asn-{AMC}
Sequence Shortening:	Z-VAN-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Z-VAN-AMC is a fluorogenic substrate. Z-VAN-AMC can be hydrolysed by a phytophagous mite of legumain-like activity ^{[1][2]} .
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REFERENCES

[1]. Timo Burster, et al. Cathepsin G, and Not the Asparagine-Specific Endoprotease, Controls the Processing of Myelin Basic Protein in Lysosomes from Human B Lymphocytes1. J Immunol 1 May 2004; 172 (9): 5495–5503.

[2]. Santamaría ME, et al. Digestive proteases in bodies and faeces of the two-spotted spider mite, Tetranychus urticae. J Insect Physiol. 2015 Jul;78:69-77.

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

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