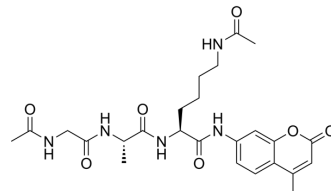


Ac-Gly-Ala-Lys(Ac)-AMC

Cat. No.:	HY-P4416
CAS No.:	577969-56-3
Molecular Formula:	C ₂₅ H ₃₃ N ₅ O ₇
Molecular Weight:	515.56
Sequence:	Ac-Gly-Ala-{Lys(Ac)}-{AMC}
Sequence Shortening:	Ac-GA-{Lys(Ac)}-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-Gly-Ala-Lys(Ac)-AMC is a fluorogenic substrate for the determination of protease activity. Ac-Gly-Ala-Lys(Ac)-AMC undergoes hydrolysis and releases the fluorescent product 7-amino-4-methylcoumarin (AMC). AMC is fluorescent under UV light and can emit a fluorescent signal^[1].

REFERENCES

[1]. Ptacek J, et, al. Selectivity of Hydroxamate- and Difluoromethyloxadiazole-Based Inhibitors of Histone Deacetylase 6 In Vitro and in Cells. *Int J Mol Sci.* 2023 Mar 1;24(5):4720.

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

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