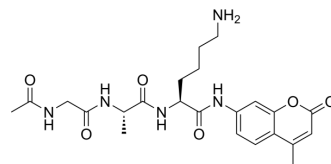


Ac-GAK-AMC

Cat. No.:	HY-P4443
CAS No.:	1926163-46-3
Molecular Formula:	C ₂₃ H ₃₁ N ₅ O ₆
Molecular Weight:	473.52
Sequence:	Ac-Gly-Ala-{Lys-AMC}
Sequence Shortening:	Ac-GA-{Lys-AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-GAK-AMC is a fluorescent substrate that can be used to measure protease activity. AMC (7-amino-4-methylcoumarin) is a fluorescent group. In the presence of protease, the protease will hydrolyze Ac-GAK-AMC into a fluorescent product^[1].

REFERENCES

[1]. Brian E Schultz, et al. Kinetics and comparative reactivity of human class I and class IIb histone deacetylases. *Biochemistry*. 2004 Aug 31;43(34):11083-91.

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