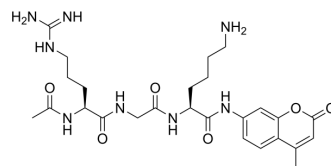


## Ac-Arg-Gly-Lys-AMC

Cat. No.:	HY-P4408
CAS No.:	660846-99-1
Molecular Formula:	C <sub>26</sub> H <sub>38</sub> N <sub>8</sub> O <sub>6</sub>
Molecular Weight:	558.63
Sequence:	Ac-Arg-Gly-Lys-{AMC}
Sequence Shortening:	Ac-RGK-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ac-Arg-Gly-Lys-AMC is a fluorogenic substrate for the determination of protease activity. Ac-Arg-Gly-Lys-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<sup>[1]</sup>.

### REFERENCES

[1]. Noonepalle S, et, al. Rational Design of Suprastat: A Novel Selective Histone Deacetylase 6 Inhibitor with the Ability to Potentiate Immunotherapy in Melanoma Models. J Med Chem. 2020 Sep 24;63(18):10246-10262.

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

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