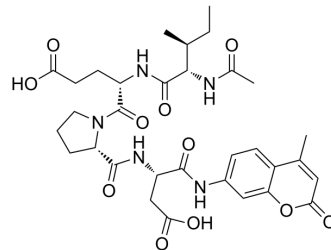


Ac-IEPD-AMC

Cat. No.:	HY-P4417
CAS No.:	216757-33-4
Molecular Formula:	C ₃₂ H ₄₁ N ₅ O ₁₁
Molecular Weight:	671.69
Sequence:	Ac-Ile-Glu-Pro-Asp-{AMC}
Sequence Shortening:	Ac-IEPD-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-IEPD-AMC is a fluorogenic substrate for the determination of protease activity. Ac-IEPD-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]. Scott JI, et, al. A Functional Chemiluminescent Probe for in Vivo Imaging of Natural Killer Cell Activity Against Tumours. *Angew Chem Int Ed Engl.* 2021 Mar 8;60(11):5699-5703.

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

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