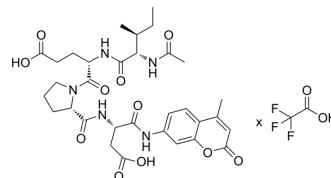


Ac-IEPD-AMC TFA

Cat. No.:	HY-P4417A
Molecular Formula:	$C_{32}H_{41}N_5O_{11} \cdot xC_2HF_3O_2$
Sequence:	Ac-Ile-Glu-Pro-Asp-{AMC}
Sequence Shortening:	Ac-IEPD-{AMC}
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-IEPD-AMC TFA is a fluorescent substrate used to measure protease activity. Ac-IEPD-AMC undergoes hydrolysis and releases the fluorescent product 7-amino-4-methylcoumarin (AMC). AMC fluoresces under UV light irradiation and can emit fluorescent signals^[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. [Content Brief]

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