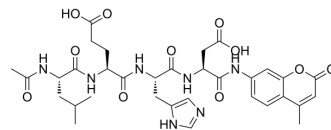


Ac-LEHD-AMC

Cat. No.:	HY-D1652
CAS No.:	292633-16-0
Molecular Formula:	C ₃₃ H ₄₁ N ₇ O ₁₁
Molecular Weight:	711.72
Target:	Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-LEHD-AMC is a fluorogenic substrate for caspase-9 (Excitation: 341 nm; Emission: 441 nm). Caspase-9 can induce hydrolysis of Ac-LEHD-AMC, resulting in the release of AMC fluorophore and its fluorescence can be used to quantify caspase-9 activity^[1].

REFERENCES

[1]. Igor M Prudnikov, et al. Short peptide tools for monitoring caspase and proteasome activities in embryonal and adult rat brain lysates: an approach for the differential identification of proteases. *J Biochem.* 2012 Mar;151(3):299-316.

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

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