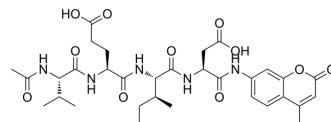


Ac-VEID-AMC

Cat. No.:	HY-P2065
CAS No.:	219137-97-0
Molecular Formula:	C ₃₂ H ₄₃ N ₅ O ₁₁
Molecular Weight:	673.71
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ac-VEID-AMC is a fluorescent substrate for the determination of caspase-6 and related cysteine protease activities (Ex=340-360 nm, Em=440-460 nm) ^[1] .
In Vitro	<p>Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs).</p> <p>Enzyme activity (rabbit osteoclasts for example)^[1]:</p> <ol style="list-style-type: none">1. Treat purified, differentiated cells by medium for 48 h (time depends on the cell).2. Put treated cells into 4.5 mL lysis buffer.3. Each lysate is divided into thirds, then incubate with 40 μM Ac-VEID-AMC at 37°C for 1 h.4. Detect cleavage of fluorescent substrates (Ex=340-360 nm, Em=440-460 nm) <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Benford HL, et al. Visualization of bisphosphonate-induced caspase-3 activity in apoptotic osteoclasts in vitro. Bone. 2001 May;28(5):465-73.

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

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