

Product Information

Ac-DEVD-AMC

Catalog Number: 10202

Unit Size: 5 mg

Storage and Handling

Store at 4°C desiccated and protected from light. Product is stable for at least 12 months from date of receipt when stored as recommended as a solid.

Stock solutions may be prepared in anhydrous DMSO (catalog no. 90082) and is stable at 4°C for long-term storage.

Molecular Information: C₃₀H₃₇N₅O₁₃

Molecular Weight: 675.74

Color and Form: Off-white solid

Solubility: Soluble in DMSO

Absorption/Emission:

Substrate: 330/390 nm (weak fluorescence)

End product AMC: 342/441 nm (strong fluorescence)

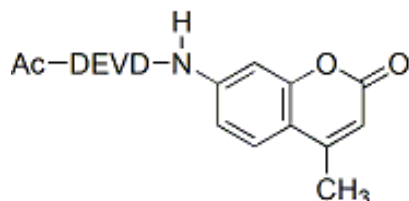


Figure 1. Ac-DEVD-AMC (7-Amino-4-methylcoumarin, N-CBZ-L-aspartyl-L-glutamyl-L-valyl-L-aspartic acid amide)

Product Description

Ac-DEVD-AMC (7-Amino-4-methylcoumarin, N-CBZ-L-aspartyl-L-glutamyl-L-valyl-L-aspartic acid amide) is a fluorogenic substrate for caspase-3 and can be used to continuously measure the activity of caspase-3 in cell extracts, using a fluorometer or fluorescence microplate reader.

References

1) Anal Biochem 292, 313 (2001); 2) Biochemistry 39, 16056(2000); 3) Br J Pharmacol 129, 1673(2000); 4) J Biol Chem 275, 21094(2000)

Related Products

Catalog number	Product
90082	DMSO, Anhydrous, 10 mL
10404	Ac-DEVD-CHO Caspase-3 Inhibitor
30008	Caspase-3 DEVD-R110 Fluorometric and Colorimetric Assay Kit
30009	Caspase-3 DEVD-R110 Fluorometric-HTS Assay Kit
00025	Staurosporine, 100 ug
10402-10408	NucView® Caspase-3 Substrates
30067	Dual Apoptosis Assay with NucView® 488 Caspase-3 Substrate & CF@594 Annexin V
30062	NucView® 488 & MitoView™ 633 Apoptosis Assay Kit
30072	NucView® 488 & RedDot™ 2 Apoptosis & Necrosis Kit
30065	Apoptosis & Necrosis Quantitation Kit Plus
30066	Apoptotic, Necrotic & Healthy Cells Quantitation Kit Plus
30060	CF@488A Annexin V and 7-AAD Apoptosis Kit
30061	CF@488A Annexin V and PI Apoptosis Kit
30001	JC-1 Mitochondrial Membrane Detection Kit
30063	CF@488A TUNEL Assay Apoptosis Detection Kit
30064	CF@594 TUNEL Assay Apoptosis Detection Kit
30074	CF@640R TUNEL Assay Apoptosis Detection Kit

Please visit our website at www.biotium.com to view our full selection of caspase-3 substrates and apoptosis assays. We offer NucView® Caspase-3 substrates for real-time apoptosis monitoring in live cells. Also view our full catalog of fluorescent CF® Dye antibody conjugates, reactive dyes, fluorescent probes, and kits for cell biology research.

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