



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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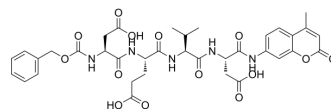
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Z-DEVD-AMC

Cat. No.: HY-P3363
Molecular Formula: C₃₆H₄₁N₅O₁₄
Molecular Weight: 767.74
Target: Caspase
Pathway: Apoptosis
Storage: Sealed storage, away from moisture and light, under nitrogen



Powder -80°C 2 years
 -20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 33.33 mg/mL (43.41 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3025 mL	6.5126 mL	13.0252 mL
5 mM	0.2605 mL	1.3025 mL	2.6050 mL
10 mM	0.1303 mL	0.6513 mL	1.3025 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Z-DEVD-AMC is a selective caspase-3 substrate that can be measured by fluorescence spectrometry. AMC can be used as a fluorescence reference standard for AMC-based enzyme substrates including AMC-based caspase substrates^[1].

REFERENCES

[1]. Mauro C X Pinto, et al. Discovery of cytotoxic and pro-apoptotic compounds against leukemia cells: Tert-butyl-4-[(3-nitrophenoxy) methyl]-2,2-dimethyloxazolidine-3-carboxylate. Life Sci. 2011 Nov 21;89(21-22):786-94.

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

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