



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

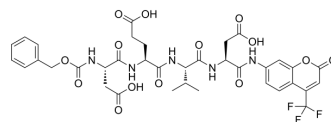
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Z-DEVD-AFC

Cat. No.:	HY-P1986
CAS No.:	1135416-11-3
Molecular Formula:	C <sub>36</sub> H <sub>38</sub> F <sub>3</sub> N <sub>5</sub> O <sub>14</sub>
Molecular Weight:	821.71
Sequence Shortening:	zDEVD-AFC
Target:	Caspase
Pathway:	Apoptosis
Storage:	Sealed storage, away from moisture
	Powder    -80°C    2 years
	-20°C    1 year



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

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (60.85 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.2170 mL	6.0849 mL	12.1697 mL
	5 mM		0.2434 mL	1.2170 mL	2.4339 mL
	10 mM		0.1217 mL	0.6085 mL	1.2170 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Z-DEVD-AFC is a cell-permeant substrate for caspase-3, which causes a shift in fluorescence upon cleavage of the AFC fluorophore. Z-DEVD-AFC can be used to detect caspase-3-like enzymes activity<sup>[1]</sup>.

### REFERENCES

[1]. Santiago AR, et al. High glucose induces caspase-independent cell death in retinal neural cells. *Neurobiol Dis.* 2007;25(3):464-472.

---

**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA