



# 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

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## Z-DEVD-R110

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<b>Cat. No.:</b>	HY-P4403
<b>CAS No.:</b>	223538-61-2
<b>Molecular Formula:</b>	C <sub>72</sub> H <sub>78</sub> N <sub>10</sub> O <sub>27</sub>
<b>Molecular Weight:</b>	1515.44
<b>Sequence:</b>	{Z-Asp-Glu-Val-Asp} <sub>2</sub> -Rhodamine 110
<b>Sequence Shortening:</b>	{Z-DEVD} <sub>2</sub> -Rhodamine 110
<b>Target:</b>	Fluorescent Dye; Apoptosis; Caspase
<b>Pathway:</b>	Others; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Z-DEVD-R110 ((Z-Asp-Glu-Val-Asp)<sub>2</sub>-Rhodamine 110) is a fluorogenic caspase-3/7 substrate. Z-DEVD-R110 can be used to detect apoptosis. Z-DEVD-R110 is a rhodamine derivative with two four-amino acid (DEVD) peptides linked to the fluorophore<sup>[1]</sup>.

### REFERENCES

[1]. Cheng X, et al. Apoptosis propagates through the cytoplasm as trigger waves. *Science*. 2018 Aug 10;361(6402):607-612.

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

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