



# 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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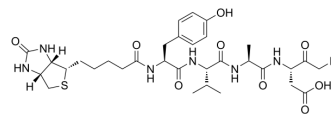
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## Biotin-YVAD-FMK

<b>Cat. No.:</b>	HY-P10244F
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>45</sub> FN <sub>6</sub> O <sub>9</sub> S
<b>Molecular Weight:</b>	708.8
<b>Sequence:</b>	Biotin-Tyr-Val-Ala-Asp-FMK
<b>Sequence Shortening:</b>	Biotin-YVAD-FMK
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

Biotin-YVAD-FMK is an inhibitor for vacuolar processing enzyme (VPE), with a 64% inhibition at 5  $\mu$ M. Biotin-YVAD-FMK is an irreversible substrate for caspase 1<sup>[1][2]</sup>.

## REFERENCES

- [1]. Hatsugai N, et al., A plant vacuolar protease, VPE, mediates virus-induced hypersensitive cell death. *Science*. 2004 Aug 6;305(5685):855-8.
- [2]. Case CL, et al., Asc modulates the function of NLRC4 in response to infection of macrophages by *Legionella pneumophila*. *mBio*. 2011 Sep 1;2(4):e00117-11.

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

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