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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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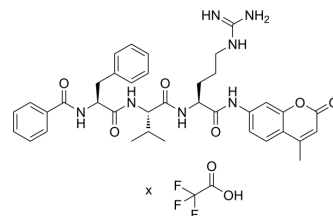
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Bz-FVR-AMC TFA

Cat. No.:	HY-D1634A
Molecular Formula:	C ₃₇ H ₄₃ N ₇ O ₆ .xCF ₃ COOH
Sequence:	Bz-Phe-Val-Arg-AMC
Sequence Shortening:	Bz-FVR-AMC
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Bz-FVR-AMC TFA is a fluorogenic substrate for procathepsin with a k_{cat}/K_m value of $1070 \text{ mM}^{-1}\text{s}^{-1}$. The high concentration of BZ-FVR-AMC inhibits the substrate^{[1][2]}.

REFERENCES

- [1]. Vasiljeva O, et al. Recombinant human procathepsin S is capable of autocatalytic processing at neutral pH in the presence of glycosaminoglycans. FEBS Lett. 2005 Feb 14;579(5):1285-90.
- [2]. Vasiljeva O, et al. Recombinant human cathepsin H lacking the mini chain is an endopeptidase. Biochemistry. 2003 Nov 25;42(46):13522-8.

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

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