



SZABO SCANDIC

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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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A20FMDV2

Cat. No.:	HY-P1654
CAS No.:	932699-03-1
Molecular Formula:	C ₉₃ H ₁₆₃ N ₃₁ O ₂₈
Molecular Weight:	2163.48
Sequence:	Asn-Ala-Val-Pro-Asn-Leu-Arg-Gly-Asp-Leu-Gln-Val-Leu-Ala-Gln-Lys-Val-Ala-Arg-Thr
Sequence Shortening:	NAVPNLRGDLQVLAQKVART
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

A20FMDV2 is a selective $\alpha\beta6$ integrin inhibitor (IC₅₀: 3 nM), with an activity 1,000-fold more selective for $\alpha\beta6$ than for other RGD-directed integrins ($\alpha\beta3$, $\alpha\beta5$, and $\alpha5\beta1$). A20FMDV2 can be derived from the foot-and-mouth disease virus. A20FMDV2 can be radiolabeled for the PET imaging of $\alpha\beta6$ integrin-positive tumors^[1].

REFERENCES

[1]. Hausner SH, et al. Use of a peptide derived from foot-and-mouth disease virus for the noninvasive imaging of human cancer: generation and evaluation of 4-[¹⁸F]fluorobenzoyl A20FMDV2 for in vivo imaging of integrin alphavbeta6 expression with positron emission tomography. *Cancer Res.* 2007 Aug 15;67(16):7833-40.

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

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