



SZABO SCANDIC

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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

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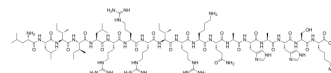
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pVEC (Cadherin-5)

Cat. No.:	HY-P4104
CAS No.:	383430-30-6
Molecular Formula:	C ₉₈ H ₁₇₇ N ₃₇ O ₂₁
Molecular Weight:	2209.69
Sequence:	Leu-Leu-Ile-Ile-Leu-Arg-Arg-Ile-Arg-Lys-Gln-Ala-His-Ala-his-Ser-Lys-OH
Sequence Shortening:	LLILRRRIRKQAHASK
Target:	Others
Pathway:	Others
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 : 100 mg/mL (45.26 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		0.4526 mL	2.2628 mL	4.5255 mL
	5 mM		0.0905 mL	0.4526 mL	0.9051 mL
	10 mM		0.0453 mL	0.2263 mL	0.4526 mL

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

BIOLOGICAL ACTIVITY

Description

pVEC (Cadherin-5) is a cell-penetrating 18-amino acid-long peptide derived from the murine sequence of the cell adhesion molecule vascular endothelial cadherin. pVEC (Cadherin-5) is efficiently and rapidly taken up into cells, it can be used as a carrier peptide^[1].

In Vitro

pVEC (Cadherin-5) accumulates in nuclear structures and it is highly uptaken by murine brain endothelial cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Elmquist A, et al. VE-cadherin-derived cell-penetrating peptide, pVEC, with carrier functions. Exp Cell Res. 2001 Oct 1;269(2):237-44.

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

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