



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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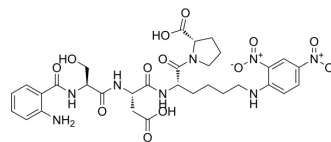
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Abz-SDK(Dnp)P-OH

Cat. No.:	HY-P10172
CAS No.:	860313-53-7
Molecular Formula:	C ₃₁ H ₃₈ N ₈ O ₁₃
Molecular Weight:	730.68
Sequence:	{Abz}-Ser-Asp-{Lys(Dnp)}-Pro
Sequence Shortening:	{Abz}-SD-{Lys(Dnp)}-P
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
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 : 125 mg/mL (171.07 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.3686 mL	6.8429 mL	13.6859 mL
	5 mM	0.2737 mL	1.3686 mL	2.7372 mL
	10 mM	0.1369 mL	0.6843 mL	1.3686 mL

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

BIOLOGICAL ACTIVITY

Description

Abz-SDK(Dnp)P-OH is a fluorescence peptide. Abz-SDK(Dnp)P-OH is the substrate of angiotensin I-converting enzyme (ACE). Abz-SDK(Dnp)P-OH has fluorescent donor-acceptor pair Abz and Dnp (2,4-dinitrophenyl)^[1].

REFERENCES

[1]. M C Araujo, et al. Peptidase specificity characterization of C- and N-terminal catalytic sites of angiotensin I-converting enzyme. *Biochemistry*. 2000, 39, 29.

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

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