



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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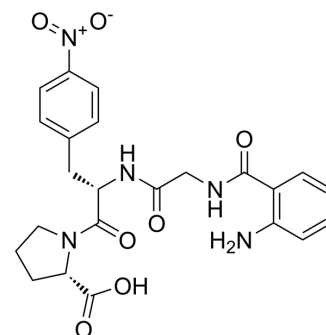
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## Abz-Gly-p-nitro-Phe-Pro-OH

<b>Cat. No.:</b>	HY-P4545
<b>CAS No.:</b>	67482-93-3
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>25</sub> N <sub>5</sub> O <sub>7</sub>
<b>Molecular Weight:</b>	483.47
<b>Sequence:</b>	{Abz-Gly}-[p-nitro-Phe]-Pro-OH
<b>Sequence Shortening:</b>	{Abz-G}-[p-nitro-F]-P-OH
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	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 (206.84 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0684 mL	10.3419 mL	20.6838 mL
	5 mM	0.4137 mL	2.0684 mL	4.1368 mL
	10 mM	0.2068 mL	1.0342 mL	2.0684 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Abz-Gly-p-nitro-Phe-Pro-OH is the fluorescent substrate angiotensin I converting enzyme (ACE-I) with 355 nm excitation and 405 nm emission wavelengths<sup>[1]</sup>.

### REFERENCES

[1]. Heres A, et al. Identification and Quantitation of Bioactive and Taste-Related Dipeptides in Low-Salt Dry-Cured Ham. *Int J Mol Sci.* 2022 Feb 24;23(5):2507.

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

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