



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

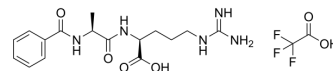
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Bz-Ala-Arg TFA

Cat. No.:	HY-P4522A
Molecular Formula:	C <sub>18</sub> H <sub>24</sub> F <sub>3</sub> N <sub>5</sub> O <sub>6</sub>
Molecular Weight:	463.41
Sequence:	{Bz}-Ala-Arg
Sequence Shortening:	{Bz}-AR
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Sealed storage, away from moisture and light
	Powder    -80°C    2 years
	-20°C    1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (215.79 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		2.1579 mL	10.7896 mL	21.5792 mL
	5 mM		0.4316 mL	2.1579 mL	4.3158 mL
	10 mM		0.2158 mL	1.0790 mL	2.1579 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Bz-Ala-Arg TFA is a dipeptide. Bz-Ala-Arg TFA is also a spectrophotometric substrate (0.4 M pyridine formate, pH 4.25) of human pancreatic carboxypeptidase B and plasma carboxypeptidase N. Bz-Ala-Arg TFA can be used to screen competitive inhibitors of these two enzymes<sup>[1]</sup>.

### REFERENCES

[1]. McKay TJ, et al. Comparative studies on human carboxypeptidases B and N. Arch Biochem Biophys. 1979 Oct 15;197(2):487-92.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA