



# 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

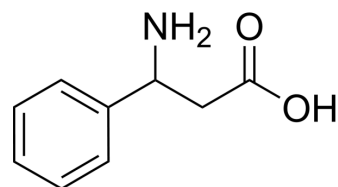
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## 3-Amino-3-phenylpropionic acid

Cat. No.:	HY-W002039
CAS No.:	614-19-7
Molecular Formula:	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>
Molecular Weight:	165.19
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 5 mg/mL (30.27 mM; Need ultrasonic)  
 DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		6.0536 mL	30.2682 mL	60.5364 mL
	5 mM		1.2107 mL	6.0536 mL	12.1073 mL
	10 mM		0.6054 mL	3.0268 mL	6.0536 mL

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

### BIOLOGICAL ACTIVITY

#### Description

3-Amino-3-phenylpropionic acid (DL-β-Phenylalanine) is a structural GABA analogue. 3-Amino-3-phenylpropionic acid inhibits baclofen (HY-B0007) induced gastric acid secretion<sup>[1]</sup>.

#### In Vivo

3-Amino-3-phenylpropionic acid (10, 30 mg/kg; i.v.) inhibits the gastric acid secretion induced by baclofen (2 mg/kg s.c.)<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Animal Model:	240-280 g Male Sprague-Dawley rats <sup>[1]</sup>
Dosage:	10, 30 mg/kg
Administration:	i.v.
Result:	Dose dependently suppressed the gastric acid secretion induced by baclofen (2 mg/kg s.c.).

---

## REFERENCES

---

[1]. Hara N, et al. Gastric acid inhibitory action of a GABA-related compound, 3-amino-3-phenylpropionic acid, in the rat. *Eur J Pharmacol.* 1990 Apr 10;179(1-2):17-23.

---

**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