



# 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

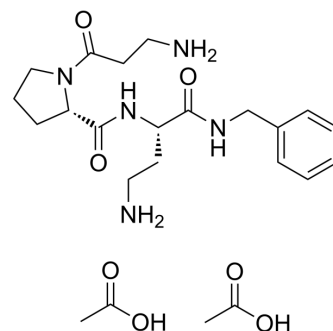
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Dipeptide diaminobutyroyl benzylamide diacetate

<b>Cat. No.:</b>	HY-P0102
<b>CAS No.:</b>	823202-99-9
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>37</sub> N <sub>5</sub> O <sub>7</sub>
<b>Molecular Weight:</b>	495.57
<b>Sequence:</b>	{beta-Ala}-Pro-{Dab-NHBzl}
<b>Sequence Shortening:</b>	{beta-Ala}-P-{Dab-NHBzl}
<b>Target:</b>	mAChR
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<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 (201.79 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0179 mL	10.0894 mL	20.1788 mL
	5 mM	0.4036 mL	2.0179 mL	4.0358 mL
	10 mM	0.2018 mL	1.0089 mL	2.0179 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Dipeptide diaminobutyroyl benzylamide diacetate, a Wagerlin-1-mimicking peptide, is a mAChR antagonist. Dipeptide diaminobutyroyl benzylamide diacetate can induce muscle relaxation<sup>[1]</sup>.

### REFERENCES

[1]. Nathan S Trookman, et al. Immediate and Long-term Clinical Benefits of a Topical Treatment for Facial Lines and Wrinkles. J Clin Aesthet Dermatol. 2009 Mar;2(3):38-43.

---

**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