



# 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

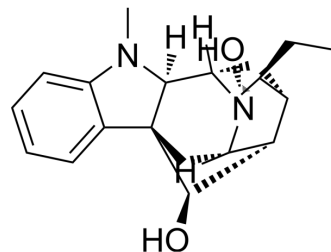
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Ajmaline (Standard)

Cat. No.:	HY-B1167R
CAS No.:	4360-12-7
Molecular Formula:	C <sub>20</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	326.43
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ajmaline (Standard) is the analytical standard of Ajmaline. This product is intended for research and analytical applications. Ajmaline (Cardiorythmine) is a sodium channel blocking, class 1A anti-arrhythmic agent. Ajmaline blocks HERG currents with an IC<sub>50</sub> of 1 μM in HEK cells and 42.3 μM in *Xenopus* oocytes. Ajmaline can be used for the research of the ventricular tachyarrhythmia<sup>[1][2]</sup>.

### REFERENCES

[1]. Sparidans RW, et al. Liquid chromatographic assay with fluorescence detection to determine ajmaline in serum from patients with suspected Brugada syndrome. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2010;878(23):2168-2172.

[2]. Kiesecker C, et al. Class Ia anti-arrhythmic drug ajmaline blocks HERG potassium channels: mode of action. *Naunyn Schmiedebergs Arch Pharmacol.* 2004;370(6):423-435.

**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

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