



# 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

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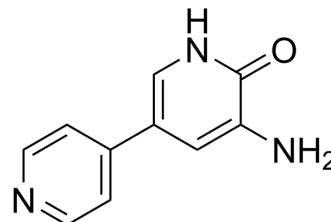
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## Amrinone (Standard)

Cat. No.:	HY-B1294R
CAS No.:	60719-84-8
Molecular Formula:	C <sub>10</sub> H <sub>9</sub> N <sub>3</sub> O
Molecular Weight:	187.2
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Amrinone (Standard) is the analytical standard of Amrinone. This product is intended for research and analytical applications. Amrinone (Inamrinone) is a positive inotropic-vasodilator agent. Amrinone is a selective phosphodiesterase III inhibitor that increases cyclic adenosine monophosphate by preventing its breakdown. Amrinone is also an orally active, non-glycosidic and non-catecholamine cardiotonic agent<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. M Hachisu, et al. [Effects of Amrinone, an Inhibitor of c-AMP-specific Phosphodiesterases, on Neointimal Hyperplasia After Balloon Injury in Rats]. *Nihon Yakurigaku Zasshi*. 1998 Oct;112(4):267-74.
- [2]. A A Alousi, et al. The Beneficial Effect of Amrinone on Acute Drug-Induced Heart Failure in the Anaesthetised Dog. *Cardiovasc Res*. 1985 Aug;19(8):483-94.
- [3]. S Ichioka, et al. Clinical Use of Amrinone (A Selective Phosphodiesterase III Inhibitor) in Reconstructive Surgery. *Plast Reconstr Surg*. 2001 Dec;108(7):1931-7.
- [4]. T H LeJemtel, et al. Amrinone: A New Non-Glycosidic, Non-Adrenergic Cardiotonic Agent Effective in the Treatment of Intractable Myocardial Failure in Man. *Circulation*. 1979 Jun;59(6):1098-104.

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

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