



# 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) 

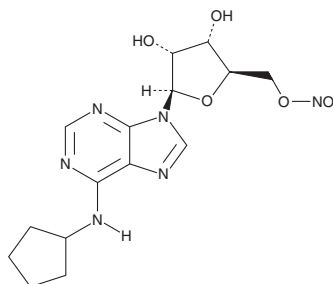
# PRODUCT INFORMATION



## INNO-8875

Item No. 33345

**CAS Registry No.:** 871108-05-3  
**Formal Name:** N-cyclopentyl-adenosine, 5'-nitrate  
**Synonyms:** PJ 875, Trabodenoson  
**MF:** C<sub>15</sub>H<sub>20</sub>N<sub>6</sub>O<sub>6</sub>  
**FW:** 380.4  
**Purity:** ≥95%  
**UV/Vis.:** λ<sub>max</sub>: 268 nm  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

INNO-8875 is supplied as a crystalline solid. A stock solution may be made by dissolving the INNO-8875 in the solvent of choice, which should be purged with an inert gas. INNO-8875 is soluble in the organic solvent DMSO.

### Description

INNO-8875 is an adenosine A<sub>1</sub> receptor agonist.<sup>1,2</sup> It binds to adenosine A<sub>1</sub> receptors (K<sub>i</sub> = 0.97 nM) and is greater than 10,000-fold selective for adenosine A<sub>1</sub> over A<sub>2</sub> receptors. Topical application of INNO-8875 (25 µg/eye) reduces intraocular pressure in a rabbit model of ocular hypertension.<sup>2</sup> INNO-8875 (1-50 µg/kg) decreases atrial refractoriness and heart rate, as well as slows atrioventricular nodal conduction, in anesthetized rats.<sup>1</sup>

### References

1. Mor, M., Shalev, A., Dror, S., *et al.* INO-8875, a highly selective A<sub>1</sub> adenosine receptor agonist: Evaluation of chronotropic, dromotropic, and hemodynamic effects in rats. *J. Pharmacol. Exp. Ther.* **344**(1), 59-67 (2012).
2. Kim, N., Crosson, C., Supuran, C., *et al.* INO-8875, an adenosine A<sub>1</sub> agonist, in development for open-angle glaucoma reduces IOP in three rabbit models. *Invert. Ophthalmol. Vis. Sci.* **50**(13), 4061 (2009).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 02/08/2021

#### CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD  
ANN ARBOR, MI 48108 · USA

**PHONE:** [800] 364-9897  
[734] 971-3335

**FAX:** [734] 971-3640

CUSTSERV@CAYMANCHEM.COM  
WWW.CAYMANCHEM.COM