



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### 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)

# Apomorphine HCl Hydrate

Dopamine Agonist  
Catalog No. SIH-619



Discovery through Partnership | Excellence through Quality

## Product Name

Apomorphine HCl Hydrate

## Description

Dopamine Agonist

## Purity

>98% (TLC); NMR (Conforms)

## CAS No.

41372-20-7

## Molecular Formula

$C_{17}H_{17}NO_2 \cdot HCl \cdot \frac{1}{2}H_2O$

## Molecular Weight

312.8

## Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

## Properties

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Agonist

### Solubility

May be dissolved in water (20 mg/ml)

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**Source**

Synthetic

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**Appearance**

Gray Powder

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**SMILES**

CN1CCC2=C3C1CC4=C(C3=CC=C2)C(=C(C=C4)O)O.Cl

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**InChI**

InChI=1S/C17H17NO2.ClH/c1-18-8-7-10-3-2-4-12-15(10)13(18)9-11-5-6-14(19)17(20)16(11)12;/h2-6,13,19-20H,7-9H2,1H3;1H/t13-;/m1./s1

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**InChIKey**

SKZYDSNJIOXRL-BTQNPOSSA-N

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**Safety Phrases**

Classification: Danger.

Hazard Statements: H301

Precautionary Statements: P301 + P310 + P330

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**Cite This Product**

Apomorphine HCl Hydrate (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-619)

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**Biological Description**

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**Alternative Names**

Hemihydrate; R-(-)-6ab-aporphine-10,11-diol, hydrochloride; (R)-5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-diol, hydrochloride

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**Research Areas**

Neurodegeneration, Neuroscience, Parkinson's Disease

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**PubChem ID**

9410

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**Scientific Background**

Archetypal dopamine pan-receptor agonist. Displays anti-Parkinsons activity in vivo (1,2). Protects against MPTP-induced neurotoxicity in a mouse model (3). In clinical use for Parkinson's disease (4,5).

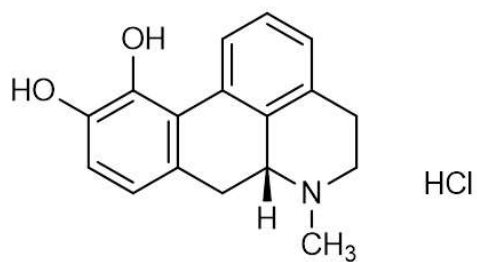
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**References**

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1. Merck Index 14:746
  2. Millan M.J., et al. (2002) J. Pharmacol. Exp. Ther. 303:791.
  3. Grunblatt E., et al. (1999) Mov. Disord. 1999 14:612.
  4. Auffret M., et al. (2017) J. Neurol. Sci. 372:279.
  5. Jenner P. and R Katzenschlager (2016) Parkinsonism. Relat. Disord. 33 Suppl 1:S13.
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## Product Images

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## Product Citations

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## Reviews

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There are no reviews yet.