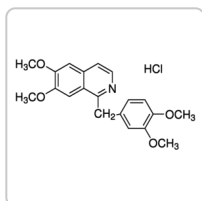


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Toutes les
photos (4)

Documents



FDS



COO/COA

Fiche des
caractéristiques

Plus de
documents »

P3510 ▶ **Sigma-Aldrich.**

Papaverine hydrochloride

★★★★★ (0)

powder

Synonyme(s):

6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride

Empirical Formula (Hill Notation):

C₂₀H₂₁NO₄ · HClNuméro CAS: **61-25-6**

Poids moléculaire: 375.85

Beilstein: 3921435

Numéro EC: **200-502-1**Numéro MDL: **MFCD00012745**ID de substance PubChem: **24278152**

NACRES: NA.77

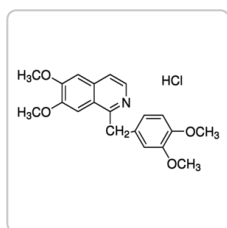
Référence	Conditionnement	Disponibilité	Prix	Quantité
P3510-5G	5 G	✓ Date d'expédition estimée le 12 janvier 2023	64,30 €	− +
P3510-25G	25 G	✓ Date d'expédition estimée le 18 octobre 2022	129,00 €	− +
P3510-100G	100 G	✓ Only 3 left in stock (more on the way) Détails...	285,00 €	− +

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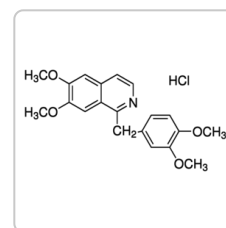
PRODUITS RECOMMANDÉS



Supelco

PHR1182**Papaverine hydrochloride**

Pharmaceutical Secondary Standard; Certified Reference Material

[Consulter le prix et la disponibilité](#)

USP

1496008**Papaverine hydrochloride**

United States Pharmacopeia (USP) Reference Standard

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Essai/Dosage	≥98%
--------------	------

Niveau de qualité	100
-------------------	-----

Forme	powder
-------	--------

Couleur	white
---------	-------

Solubilité	H ₂ O: 25 mg/mL
------------	----------------------------

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InChI

16;/h5-8,10-12H,9H2,1-4H3;1H

InChI key

UOTMYNBWXDUBNX-UHFFFAOYSA-N

Gene Information

human ... [PDE4B\(5142\)](#)

Vous recherchez des produits similaires ? Visit [Guide de comparaison des produits](#)

DESCRIPTION

Description générale

Papaverine hydrochloride belongs to the group of benzyloquinoline alkaloid. It is obtained from opium poppy.

Application

Papaverine hydrochloride has been used:

- in oxygenated Krebs solution for tissue mechanics analysis
- as a vasodilator in heparinized horse serum in tissue uptake technique
- as an inhibitor of H-MPP⁺ uptake into stably transfected 293 cells expressing either extraneuronal monoamine transporter (EMT) human or EMT rat

Conditionnement

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Papaverine is originally used to resolve male impotence.

Smooth muscle relaxant and cerebral vasodilator; phosphodiesterase inhibitor.

Caractéristiques et avantages

This compound is a featured product for Cyclic Nucleotide research. [Click here](#) to discover more featured Cyclic Nucleotide products. Learn more about bioactive small molecules for other areas of research at sigma.com/discover-bsm.

This compound is featured on the [Phosphodiesterases](#) page of the Handbook of Receptor Classification and Signal Transduction. To browse other handbook pages, [click here](#).

INFORMATIONS SUR LA SÉCURITÉ**Pictograms**

GHS06

Mention d'avertissement

Danger

Mentions de danger

H301

Conseils de prudence

P264 - P270 - P301 + P310 - P405 - P501

Classification des risques

Acute Tox. 3 Oral

Code de la classe de stockage

6.1C - Combustible, acute toxic Cat.3 / toxic compounds or compounds which causing chronic effects

WGK

WGK 1

Flash Point(F)

Not applicable

Point d'éclair C**Équipement de protection**

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GLOVES

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

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[Product Spectra](#)

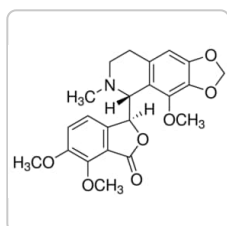
[Spectra - ATR-IR](#)

[Spectra for FT-IR Raman](#)

[Structure Search](#)

[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ

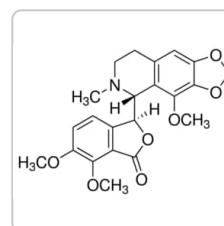


N1300000

Noscapine

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)



USP

1474504

Noscapine

United States Pharmacopoeia (USP) Reference Standard

[Consulter le prix et la disponibilité](#)



ARTICLES REVUS PAR DES PAIRS

Activation of the extraneuronal monoamine transporter (EMT) from rat expressed in 293 cells

Grundemann D, et al.

British Journal of Pharmacology, 137(6), 910-918 (2002)

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Increased glomerular albumin permeability in old spontaneously hypertensive rats

Bakoush O, et al.

Nephrology, Dialysis, and Transplantation, 19(7), 1724-1731 (2004)

Differential roles of endothelin-1 in angiotensin II-induced atherosclerosis and aortic aneurysms in apolipoprotein E-null mice

Suen RS, et al.

The American Journal of Pathology, 179(3), 1549-1559 (2011)

Effects of antiallergic agents, compound 48/80, and some reference inhibitors on the activity of partially purified human lung tissue adenosine cyclic 3',5'-monophosphate and guanosine cyclic 3',5'-monophosphate phosphodiesterases.

H Bergstrand et al.

Molecular pharmacology, 13(1), 38-43 (1977-01-01)

[Afficher tous les articles scientifiques apparentés](#)

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Contenu apparenté

Discover Bioactive Small Molecules for Cyclic Nucleotides

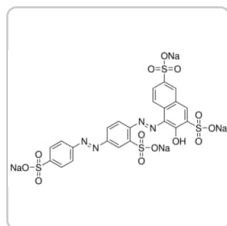
Cyclic nucleotides, including cyclic AMP (cAMP), cyclic GMP (cGMP) and cyclic ADP-ribose, have been extensively studied as second messengers of intracellular events initiated by activation of GPCRs. cAMP modifies cell function in all eukaryotic cells, principally through the activation of cAMP-...

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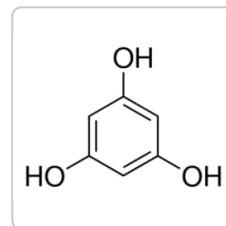
Sigma-Aldrich

P3504

Ponceau S

BioReagent, suitable for electrophoresis

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P3502

Phloroglucinol

Used to detect the presence of wood fiber.

[Consulter le prix et la disponibilité](#)



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Questions

[Soyez le premier à poser une question](#)

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Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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