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C3200000

Cyclobenzaprine hydrochloride

★★★★★ (0)

European Pharmacopoeia (EP) Reference Standard

Synonyme(s):

5-(3-Dimethylaminopropylidene)dibenzo[a,e]cycloheptatriene hydrochloride

Empirical Formula (Hill Notation):

 $\text{C}_{20}\text{H}_{21}\text{N} \cdot \text{HCl}$

Numéro CAS:

6202-23-9

Poids moléculaire:

311.85

Numéro MDL:

MFCD00079039

ID de substance PubChem:

329775025

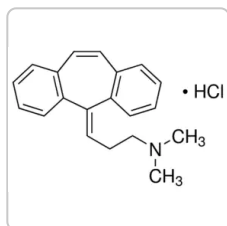
NACRES:

NA.24

Référence	Conditionnement	Disponibilité	Prix	Quantité
C3200000		 Only 5 left in stock (more on the way) Détails...	129,00 €	- + 

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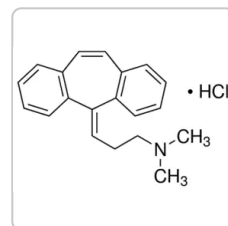
PRODUITS RECOMMANDÉS



Supelco

PHR2797**Cyclobenzaprine Hydrochloride**

certified reference material, pharmaceutical secondary standard

[Consulter le prix et la disponibilité](#)**BP886****Cyclobenzaprine hydrochloride**

British Pharmacopoeia (BP) Reference Standard

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Qualité	pharmaceutical primary standard
manufacturer/tradename	EDQM
application(s)	pharmaceutical (small molecule)
Format	neat
SMILES string	<chem>Cl.CN(C)CC\C=C1\c2ccccc2C=Cc3ccccc13</chem>
InChI	1S/C20H21N.ClH/c1-21(2)15-7-12-20-18-10-5-3-8-16(18)13-14-17-9-4-6-11-19(17)20;/h3-6,8-14H,7,15H2,1-2H3;1H
InChI key	VXEAYBOGHINOKW-UHFFFAOYSA-N

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

Catégories apparentées

[Pharmacopoeia & Metrological Institute Standards](#)

DESCRIPTION

Description générale

This product is provided as delivered and specified by the issuing Pharmacopoeia. All information provided in support of this product, including SDS and any product information leaflets have been developed and issued under the Authority of the Issuing Pharmacopoeia. For further information and support please go to the website of the [issuing Pharmacopoeia](#).

Actions biochimiques/physiologiques

Skeletal muscle relaxant; reduces muscle spasm by depression of brainstem neurons; 5-HT₂ serotonin receptor antagonist.

Conditionnement

Unit quantity: 20 mg. Subject to change. The product is delivered as supplied by the issuing Pharmacopoeia. For the current unit quantity, please visit the [EDQM reference substance catalogue](#).

Attention

Please find [SDS provided by EDQM here](#)..

Autres remarques

Sales restrictions may apply.

PRODUITS APPARENTÉS

Produit Apparenté

PHR2797

Cyclobenzaprine Hydrochloride, certified reference material, pharmaceutical secondary standard

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



GHS06

Mention d'avertissement

Danger

Mentions de danger

H301 - H312 + H332

Conseils de prudence

P280 - P301 + P310 + P330 -
P302 + P352 + P312 - P304 +
P340 + P312

Classification des risques

Acute Tox. 3 Oral - Acute Tox.
4 Dermal - Acute Tox. 4
Inhalation

Code de la classe de stockage

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

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

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

Plus De Documents

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ARTICLES REVUS PAR DES PAIRS

Microsized graphite sensors for potentiometric determination of cyclobenzaprine hydrochloride in pure powder, tablets, and plasma.

Nesrin K Ramadan et al.

Journal of AOAC International, 94(6), 1807-1814 (2012-02-11)

Two cyclobenzaprine hydrochloride (CZ) microsized graphite selective sensors were investigated with dibutylsebacate as a plasticizer in a polymeric matrix of carboxylated polyvinyl chloride (PVC-COOH) in the case of sensor 1, based on the interaction between the drug and the dissociated

Effects of bedtime very low dose cyclobenzaprine on symptoms and sleep physiology in patients with fibromyalgia syndrome: a double-blind randomized placebo-controlled study.

Harvey Moldofsky et al.

The Journal of rheumatology, 38(12), 2653-2663 (2011-09-03)

To determine the effects of bedtime very low dose (VLD) cyclobenzaprine (CBP) on symptoms and sleep physiology of patients with fibromyalgia (FM), unrefreshing sleep, and the α -nonREM sleep electroencephalographic (EEG) anomaly at screening. Of 37 patients with FM in the

Determination of cyclobenzaprine in human plasma by liquid chromatography-electrospray ionization tandem mass spectrometry and its application in a pharmacokinetic study.

Yi Xiang et al.

Biomedical chromatography : BMC, 26(9), 1083-1088 (2011-11-29)

A sensitive, rapid and simple liquid chromatography-electrospray ionization mass spectrometry (LC-ESI-MS/MS) method was developed for the quantitative determination of cyclobenzaprine in human plasma, to study the pharmacokinetic behavior of cyclobenzaprine capsule in healthy Chinese volunteers. With escitalopram as the internal

Chlorpromazine quantification in human plasma by UPLC-electrospray ionization tandem mass spectrometry. Application to a comparative pharmacokinetic study.

Ney Carter Borges et al.*Journal of chromatography. B, Analytical technologies in the biomedical and life sciences*, 879(31), 3728-3734 (2011-11-15)

In the present study a method to quantify chlorpromazine in human plasma using cyclobenzaprine as the internal standard (IS) is described. The analyte and the IS were extracted from human plasma by a liquid-liquid extraction with diethyl ether/dichloromethane (70/30, v/v)

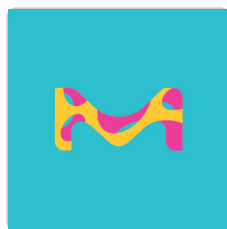
Steady-state pharmacokinetics of once-daily cyclobenzaprine extended release: a randomized, double-blind, 2-period crossover study in healthy volunteers.

Mona Darwish et al.*Clinical therapeutics*, 33(6), 746-753 (2011-06-28)

The single-dose pharmacokinetic profile of cyclobenzaprine extended-release (CER) has been previously characterized and compared with the pharmacokinetics of cyclobenzaprine immediate-release (CIR) administered 3 times daily for 3 doses. The objective of this study was to characterize the multiple-dose pharmacokinetic properties

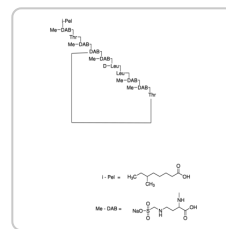
[Afficher tous les articles scientifiques apparentés](#)

PRODUITS CONSULTÉS RÉCEMMENT

**C2700000****Colistin sulfate**

for microbiological assay, European Pharmacopoeia (EP)
Reference Standard

[Consulter le prix et la disponibilité](#)

**C2600000****Colistimethate sodium**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)

Évaluations



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SERVICE TECHNIQUE

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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