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S0765000

Diclofenac sodium

★★★★★ (0)

European Pharmacopoeia (EP) Reference Standard

Synonyme(s):

Diclofenac sodium salt, 2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid sodium salt

Empirical Formula (Hill Notation):

C₁₄H₁₀Cl₂NNaO₂

Numéro CAS: **15307-79-6**

Poids moléculaire: 318.13

Numéro MDL: **MFCD00082251**

ID de substance PubChem: **329824440**

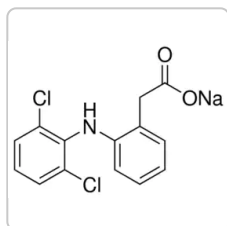
NACRES: NA.24

Référence	Conditionnement	Disponibilité	Prix	Quantité
S0765000		 Disponible pour expédition le 21 octobre 2022 Détails...	162,00 €	- + 

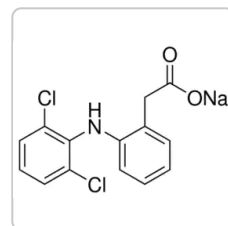
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PRODUITS RECOMMANDÉS

**BP619****Diclofenac sodium**

British Pharmacopoeia (BP) Reference Standard

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

D6899**Diclofenac sodium salt**[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Qualité pharmaceutical primary standard

manufacturer/tradename EDQM

technique(s) HPLC: suitable
gas chromatography (GC): suitable

application(s) pharmaceutical (small molecule)

Format neat

SMILES string [Na+].[O-]C(=O)Cc1ccccc1Nc2c(Cl)cccc2Cl

InChI 1S/C14H11Cl2NO2.Na/c15-10-5-3-6-11(16)14(10)17-12-7-2-1-4-9(12)8-13(18)19;/h1-7,17H,8H2,(H,18,19);/q;+1/p-1

InChI key KPHWPUGNDIVLNH-UHFFFAOYSA-M

Gene Information human ... [PTGS1\(5742\)](#) , [PTGS2\(5743\)](#)

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

Catégories apparentées

[Chromatography Standards](#)

[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

Standard NSAID and cyclooxygenase (COX) inhibitor. Major metabolites are 4'-hydroxydiclofenac and 5'-hydroxydiclofenac. Has been used as substrate selective for CYP2C9.

Conditionnement

Unit quantity: 80 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

PHR1144

Diclofenac sodium salt, Pharmaceutical Secondary Standard; Certified Reference Material

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



[GHS06,GHS08,GHS09](#)

Mention d'avertissement

Danger

Mentions de danger

[H301 - H361d - H372 - H411](#)

Conseils de prudence

[P202 - P260 - P264 - P270 -
P273 - P301 + P310](#)

Classification des risques

Code de la classe de stockage

WGK
WGK 3

Flash Point(F)
Not applicable

Acute Tox. 3 Oral - Aquatic
Chronic 2 - Repr. 2 - STOT RE
1

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

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

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

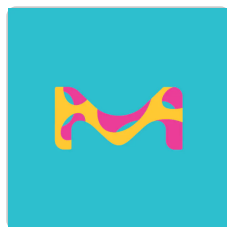
Comment saisir un numéro de lot (COO)

[Rechercher](#)

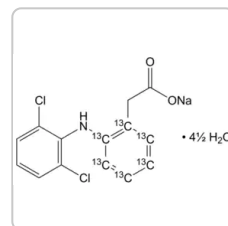
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LES CLIENTS ONT ÉGALEMENT CONSULTÉ

**BP598****Diclofenac diethylamine**

British Pharmacopoeia (BP) Reference Standard

[Consulter le prix et la disponibilité](#)

Supelco

35361**Diclofenac-(acetophenyl ring-¹³C₆) sodium salt hemi(nonahydrate)**VETRANAL[®], analytical standard[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Microemulsion and poloxamer microemulsion-based gel for sustained transdermal delivery of diclofenac epolamine using in-skin drug depot: in vitro/in vivo evaluation.

Shahinaze A Fouad et al.*International journal of pharmaceutics, 453(2), 569-578 (2013-06-26)*

Microemulsion (ME) and poloxamer microemulsion-based gel (PMBG) were developed and optimized to enhance transport of diclofenac epolamine (DE) into the skin forming in-skin drug depot for sustained transdermal delivery of drug. D-optimal mixture experimental design was

applied to optimize ME

Fate of pharmaceutical compounds in hydroponic mesocosms planted with *Scirpus validus*.

Dong Qing Zhang et al.

Environmental pollution (Barking, Essex : 1987), 181, 98-106 (2013-07-13)

A systematic approach to assess the fate of selected pharmaceuticals (carbamazepine, naproxen, diclofenac, clofibric acid and caffeine) in hydroponic mesocosms is described. The overall objective was to determine the kinetics of depletion (from solution) and plant uptake for these compounds

Urinary proteomic profiling reveals diclofenac-induced renal injury and hepatic regeneration in mice.

Rachel P L van Swelm et al.

Toxicology and applied pharmacology, 269(2), 141-149 (2013-03-20)

Diclofenac (DF) is a widely used non-steroidal anti-inflammatory drug for the treatment of rheumatic disorders, but is often associated with liver injury. We applied urinary proteomic profiling using MALDI-TOF MS to identify biomarkers for DF-induced hepatotoxicity in mice. Female CH3/HeOUJico

Diclofenac sodium: a review of its pharmacological properties and therapeutic use in rheumatic diseases and pain of varying origin.

R N Brogden et al.

Drugs, 20(1), 24-48 (1980-07-01)

Diclofenac sodium, a phenylacetic acid derivative, is a non-steroidal, anti-inflammatory, analgesic agent advocated for use in rheumatoid arthritis, degenerative joint disease, ankylosing spondylitis and allied conditions, and in the treatment of pain resulting from minor surgery, trauma and dysmenorrhoea. Published

Uptake and accumulation of four PPCP/EDCs in two leafy vegetables.

L K Dodgen et al.

Environmental pollution (Barking, Essex : 1987), 182, 150-156 (2013-08-06)

Many pharmaceutical and personal care products (PPCPs) and endocrine-disrupting chemicals (EDCs) are present in reclaimed water, leading to concerns of human health risks from the consumption of food crops irrigated with reclaimed water. This study evaluated the potential for plant

[Afficher tous les articles scientifiques apparentés](#)

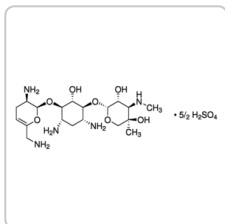
PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

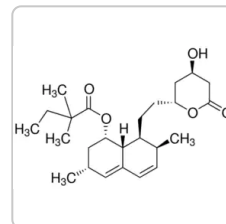
[LC/MS/MS Analysis of Drugs in Plasma on Ascentis® Express C18 after Extraction using SPME LC Tips](#)

LC/MS/MS Analysis of Drugs in Plasma on Ascentis® Express C18 after Extraction using SPME LC Tips

PRODUITS CONSULTÉS RÉCEMMENT

**S0660000****Sisomicin sulfate**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)**S0650000****Simvastatin**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)

Évaluations



Soyez le premier à donner votre avis sur ce produit

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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