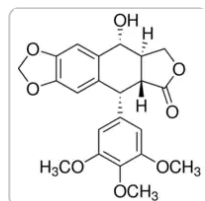


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Documents

↓ FDS

🔍 COO/COA

📄 Fiche des
caractéristiques

Plus de
documents »

P4405 ▶ **Sigma-Aldrich.**

Podophyllotoxin

★★★★★ (0)

Empirical Formula (Hill Notation):

C₂₂H₂₂O₈

Numéro CAS: **518-28-5**

Poids moléculaire: 414.41

Beilstein: 99163

Numéro EC: **208-250-4**

Numéro MDL: **MFCD00075290**

ID de substance PubChem: **24277731**

NACRES: NA.77

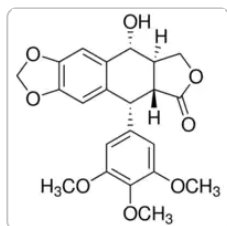
Référence	Conditionnement	Disponibilité	Prix	Quantité
P4405-50MG	50 MG	✓ Date d'expédition estimée le 01 novembre 2022	46,10 €	- +
P4405-100MG	100 MG	✓ Date d'expédition estimée le 03 novembre 2022	108,00 €	- +

Demander une commande en gros

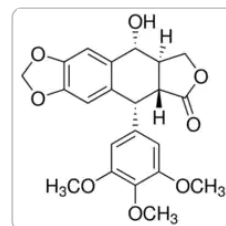
Ajouter au panier

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**PHL89523****Podophyllotoxin**

phyproof® Reference Substance

**Y0002002****Podophyllotoxin**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)
[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Essai/Dosage	≥98%
Niveau de qualité	200
Forme	powder
Pf	183-184 °C (lit.)
Temp. de stockage	2-8°C
SMILES string	<chem>COC1cc(cc(OC)c1OC)[C@H]2C3C(COC3=O)[C@@H](O)c4cc5OCOc5cc24</chem>
InChI	1S/C22H22O8/c1-25-16-4-10(5-17(26-2)21(16)27-3)18-11-6-14-15(30-9-29-14)7-12(11)20(23)13-8-28-22(24)19(13)18/h4-7,13,18-20,23H,8-9H2,1-3H3/t13-,18+,19-,20-/m0/s1

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DESCRIPTION

Application

Podophyllotoxin has been used as a reference compound for evaluating the cytotoxicity in VERO cells. It has also been used as a reference standard in high-performance liquid chromatography (HPLC).

Conditionnement

50 mg in poly bottle

100 mg in glass bottle

Actions biochimiques/physiologiques

Podophyllotoxin is a naturally occurring lignan obtained from resin podophyllin present in the genus *Podophyllum*. It exhibits antiviral and antimitotic properties. Podophyllotoxin may be used to treat anogenital warts in children and dermatological conditions caused by psoriasis vulgaris. It may also be used as a therapeutic agent to treat genital tumors, Wilms tumors, lung cancer, and lymphomas.

Inhibits microtubule assembly; antineoplastic.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms**Mention d'avertissement****Mentions de danger****Conseils de prudence**

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[GET YOURS HERE](#)**Classification des risques**

Acute Tox. 3 Dermal - Acute Tox. 3 Inhalation - Acute Tox. 3 Oral - Eye Irrit. 2 - Skin Irrit. 2 - STOT SE 3

Organes cibles

Respiratory system

Code de la classe de stockage

6.1A - Combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Faceshields, Gloves, type P2 (EN 143) respirator cartridges

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

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e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

Plus De Documents

[FT-NMR Spectra](#)

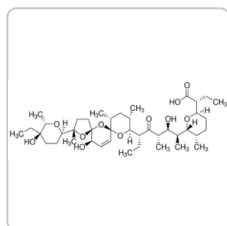
[Spectra - ATR-IR](#)

[Spectra for FT-IR Raman](#)

[Structure Search](#)

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LES CLIENTS ONT ÉGALEMENT CONSULTÉ

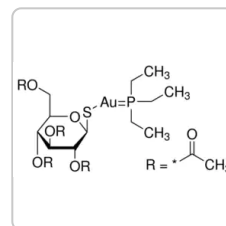


Sigma-Aldrich

S4526

Salinomycin

from *Streptomyces albus*, ≥98% (HPLC)



Sigma-Aldrich

A6733

Auranofin

≥98% (HPLC)

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ARTICLES REVUS PAR DES PAIRS

Investigation of thiazolyl-benzothiophenamides as potential agents for African sleeping sickness.

Ronald W Brown et al.

RSC medicinal chemistry, 11(12), 1413-1422 (2021-06-08)

African sleeping sickness is a potentially fatal neglected disease affecting sub-Saharan Africa. High-throughput screening identified the thiazolyl-benzothiophenamide 1 to be active against the causative parasite, *Trypanosoma brucei*. This work establishes structure-activity relationships of 1, guiding the design of second generation

Diterpenoids as potential anti-malarial compounds from *Andrographis paniculata*

Dwivedi M, et al.

Beni-Suef University Journal of Basic and Applied Sciences, 10(1), 1-16 (2021)

Podophyllotoxin: current perspectives

Qian L, et al.

Current Bioactive Compounds, 3(1), 37-66 (2007)

HPLC-Based Activity Profiling for Antiprotozoal Compounds in *Croton gratissimus* and *Cuscuta hyalina*.

Abdelhalim Babiker Mahmoud et al.

Frontiers in pharmacology, 11, 1246-1246 (2020-09-15)

In a screening of Sudanese medicinal plants for antiprotozoal activity, the chloroform fractions obtained by liquid-liquid partitioning from ethanolic extracts of fruits of *Croton gratissimus* var. *gratissimus* and stems of *Cuscuta hyalina* Roth ex Schult. exhibited in vitro activity against

Evaluation of ethnopharmacologically selected *Vitex negundo* L. for In vitro antimalarial activity and secondary metabolite profiling.

Manish Kumar Dwivedi et al.

Journal of ethnopharmacology, 275, 114076-114076 (2021-04-01)

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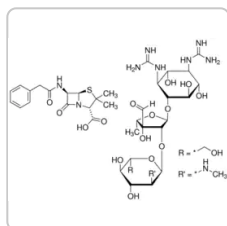


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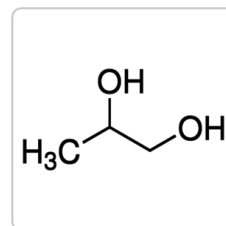
Sigma-Aldrich

P4333

Penicillin-Streptomycin

Solution stabilized, with 10,000 units penicillin and 10 mg streptomycin/mL, 0.1 µm filtered, BioReagent,...

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P4347

Propylene Glycol

meets USP testing specifications

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Évaluations



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Questions

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