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Saisir le nom du produit, le numéro de lot, etc.



Toutes les photos (1)

P0107 ▶ Sigma-Aldrich.

Protease from *Rhizopus* sp.

★★★★★ (0)

Numéro CAS:	9001-92-7	Numéro MDL:	MFCD00132092
eCl@ss:	32160410	NACRES:	NA.54

Documents

- ↓ FDS
- 🔍 COO/COA

📄 Fiche des caractéristiques

Référence	Conditionnement	Disponibilité	Prix	Quantité
P0107-5G	5 G	✔ Only 5 left in stock (more on the way)	Détails... 194,00 €	− + ⓘ

Demander une commande en gros

Ajouter au panier

PRODUITS RECOMMANDÉS

Sigma-Aldrich

P4032

Sigma-Aldrich

P2143

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PROPRIÉTÉS

Description	acidic protease
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Niveau de qualité	200
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Forme	powder
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specific activity	≥0.2 unit/mg solid
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Temp. de stockage	2-8°C
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Vous recherchez des produits similaires ? Visitez [Guide de comparaison des produits](#)

Catégories apparentées

[Proteases](#)

DESCRIPTION

Description générale

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processing industries such as baking and brewing. *Rhizopus chinensis* is the key species in the production of aspartate proteinase.

Stable in the acid range of pH 3-5. pH Optimum is 3.0.

Application

Protease from *Rhizopus sp.* has been used in the enzyme treatment of planted and nonplanted scots pine seedlings.

Protease from *Rhizopus* spp. Has been used in a study to assess the amino acid sequences near the amino termini using automated Edman degradation. It has also been used in a study to investigate inactivation of the enzyme by reaction with diazoacetyl-DL-norleucine methyl ester in the presence of cupric acetate.

Conditionnement

5 g in poly bottle

Actions biochimiques/physiologiques

Protease from *Rhizopus chinensis* can be inhibited by pepstatin.

Définition de l'unité

One unit will hydrolyze casein to produce color equivalent to 1.0 μ mole (181 μ g) of tyrosine per min at pH 3.0 at 37 °C (color by Folin-Ciocalteu reagent), unless otherwise indicated.

Forme physique

Supplied as a powder containing dextrin as a stabilizer

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**Code de la classe de
stockage**

13 - Non Combustible Solids

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)

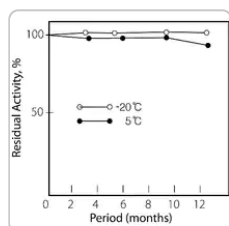
Rechercher

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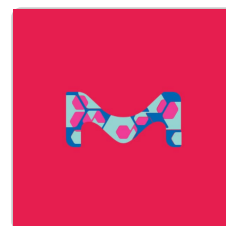
Sigma-Aldrich

P0652

Protease from *Streptomyces* sp.

Type XXI, ≥15 units/mg solid

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Sigma-Aldrich

P4860

Protease from *Bacillus licheniformis*

≥2.4 U/g

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ARTICLES REVUS PAR DES PAIRS

The structure and function of acid proteases. Specific inactivation of an acid protease from *Rhizopus chinensis* by diazoacetyl-DL-norleucine methyl ester.

F Mizobe et al.

Journal of biochemistry, 73(1), 61-68 (1973-01-01)

Comparison of two different isolation methods of benzimidazoles and their metabolites in the bovine liver by solid-phase extraction and liquid chromatography-diode array detection.

Giovanni Caprioli et al.

Journal of chromatography. A, 1217(11), 1779-1785 (2010-02-09)

A new analytical method that uses high performance liquid chromatography-diode array detector (HPLC-DAD) was developed for the analysis of 14 benzimidazoles residues, including metabolites, in bovine liver. Samples were extracted using two different extraction procedures: with phosphate buffer after enzymatic

The amino terminal sequences of acid proteases-human pepsin and gastricsin and the protease of *Rhizopus chinensis*.

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J Marciniszyn et al.

The Journal of biological chemistry, 251(22), 7088-7094 (1976-11-25)

Four derivatives of pepstatin, each of which contains the unusual amino acid 4-amino-3-hydroxy-6-methylheptanoic acid (statine) have been prepared. All four are porcine pepsin inhibitors. Both N-acetylstatine and N-acetyl-alanyl-statine are competitive inhibitors for pepsin with K_i values of 1.2×10^{-4}

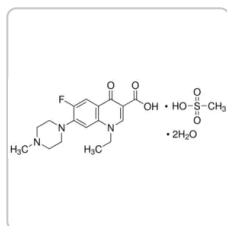
Characterization of proteases from *Rhizopus* species after growth on soybean protein

Heskamp ML and Barz W

Zeitschrift fur Naturforschung C, 52(9-10), 595-604 (1997)

[Afficher tous les articles scientifiques apparentés](#)

PRODUITS CONSULTÉS RÉCEMMENT

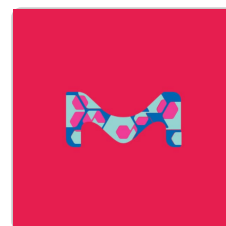


Sigma-Aldrich

P0106

Pefloxacin mesylate dihydrate

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Sigma-Aldrich

P0103

Prodigiosin hydrochloride

from *Serratia marcescens*, ≥98% (HPLC), powder

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Évaluations

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