

Brighten up your lab coat!

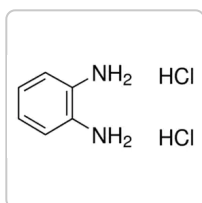
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Saisir le nom du produit, le numéro de lot, etc.



Toutes les
photos (6)

Documents

↓ FDS

🔍 COO/COA

📄 Fiche des
caractéristiques

Plus de
documents »

P1526 ▶ **Sigma-Aldrich.**

o-Phenylenediamine dihydrochloride

★★★★★ (0)

peroxidase substrate

Synonyme(s):
OPD

Formule linéaire:
C6H4(NH2)2.2HCl

Numéro CAS: **615-28-1**

Poids moléculaire: 181.06

Beilstein: 3912045

Numéro EC: **210-418-7**

Numéro MDL: **MFCD00012966**

ID de substance PubChem: **24898213**

NACRES: NA.83

Référence	Conditionnement	Disponibilité	Prix	Quantité
P1526-10G	10 G	✓ Only 1 left in stock (more on the way) Détails...	66,20 €	− + i
P1526-25G	25 G	✓ Only 2 left in stock (more on the way) Détails...	117,00 €	− + i
P1526-50G	50 G	✓ Only 2 left in stock (more on the way) Détails...	211,00 €	− + i

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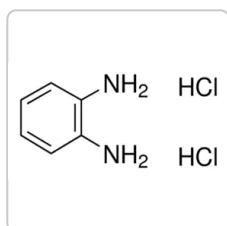
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PRODUITS RECOMMANDÉS

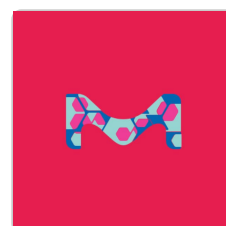


Sigma-Aldrich

P8287

o-Phenylenediamine dihydrochloride
tablet, 10 mg substrate per tablet

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P9187

SIGMAFAST™ OPD
tablet

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Niveau de qualité 300

Forme solid

Couleur white to off-white

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SMILES string

Cl[H].Cl[H].Nc1ccccc1N

InChI

1S/C6H8N2.2ClH/c7-5-3-1-2-4-6(5)8;;/h1-4H,7-8H2;2*1H

InChI key

RIIWUGSYXOBDMC-UHFFFAOYSA-N

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

Catégories apparentées

[Detection Substrates & Enzymes](#)

DESCRIPTION

Description générale

o-Phenylenediamine dihydrochloride (OPD) is a chromogenic substrate that can be used in enzyme-linked immunosorbent assay (ELISA) procedures as it utilizes horseradish peroxidase conjugates. The substrate produces a soluble end product that is orange-brown and can be read spectrophotometrically at 450 nm. The OPD reaction may be stopped with 3N HCl or 3M H₂SO₄ and read at 492 nm.

Application

o-Phenylenediamine dihydrochloride has been used as a peroxidase substrate in enzyme-linked immunosorbent assay (ELISA) procedures.

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1 kg in glass bottle

Attention

May darken in storage.

INFORMATIONS SUR LA SÉCURITÉ**Pictograms**

GHS06,GHS08,GHS09

Mention d'avertissement

Danger

Mentions de danger

H301 - H312 + H332 - H317 -
H319 - H341 - H351 - H410

Conseils de prudence

P201 - P273 - 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 - Aquatic Acute 1 -
Aquatic Chronic 1 - Carc. 2 -
Eye Irrit. 2 - Muta. 2 - Skin
Sens. 1

**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

Not applicable

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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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[FT-NMR Spectra](#)

[Spectra for FT-IR Raman](#)

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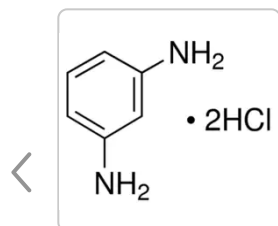
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LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

78450

m-Phenylenediamine dihydrochloride

≥99.0% (AT)

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P4922

Phosphate-Citrate Buffer with Sodium Perborate

capsule

[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Protective immunity in human filariasis: a role for parasite-specific IgA responses.

Bikash R Sahu et al.

The Journal of infectious diseases, 198(3), 434-443 (2008-07-01)

Filaria-specific antibodies of immunoglobulin (Ig) G, IgE, and IgM isotypes have been correlated with acquired immunity in the literature, but the status of filaria-specific IgA and its role in human filariasis has not been addressed. The present study attempts to

Altered enzyme-linked immunosorbent assay immunoglobulin M (IgM)/IgG optical density ratios can correctly classify all primary or secondary dengue virus infections 1 day after the onset of symptoms, when all of the viruses can be isolated.

Andrew K I Falconar et al.

Clinical and vaccine immunology : CVI, 13(9), 1044-1051 (2006-09-09)

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Seroepidemiological characterization and risk factors associated with seroconversion to *Corynebacterium pseudotuberculosis* in goats from Northeastern Brazil.

Areano Ethério Moreira de Farias et al.

Tropical animal health and production, 51(4), 745-752 (2018-11-14)

Goat breeding in the Northeast region of Brazil plays an important socioeconomic role. However, there are significant losses caused by sanitary deficits and infectious diseases, particularly caseous lymphadenitis (CL). Although CL is considered endemic in Northeastern Brazil, a comprehensive and

Detection of Immunoglobulin G1 Against rK39 Improves Monitoring of Treatment Outcomes in Visceral Leishmaniasis.

Guy Mollett et al.

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America, 69(7), 1130-1135 (2018-12-13)

Visceral leishmaniasis (VL), caused by the *Leishmania donovani* complex, is a fatal, neglected tropical disease that is targeted for elimination in India, Nepal, and Bangladesh. Improved diagnostic tests are required for early case detection and for monitoring the outcomes of

Amplification of cytokine-specific ELISAs increases the sensitivity of detection to 5-20 picograms per milliliter.

E O'Connor et al.

Journal of immunological methods, 229(1-2), 155-160 (1999-11-11)

The ability to detect a protein is always limited to the sensitivity of the assays available. Progress in improving the sensitivity of protein detection will allow a more complete understanding of biological systems. Of particular interest to the field of

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

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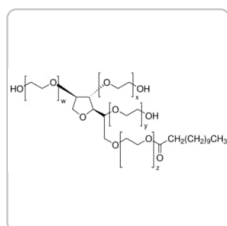
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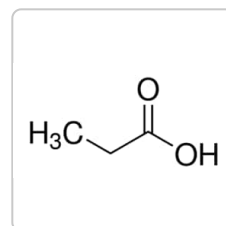


Sigma-Aldrich

P1379

TWEEN® 20

viscous liquid



Sigma-Aldrich

P1386

Propionic acid

≥99.5%

Consulter le prix et la disponibilité

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Évaluations



Soyez le premier à donner votre avis sur ce produit

Questions

Soyez le premier à poser une question

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