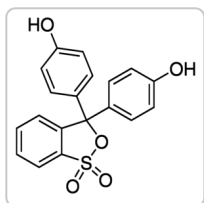


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Documents

[FDS](#)

[COO/COA](#)

[Fiche des caractéristiques](#)

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114529 ▶ **Sigma-Aldrich.**

Phenol Red

★★★★★ (0)

ACS reagent

Synonyme(s):

Phenolsulfonphthalein

Empirical Formula (Hill Notation):

C₁₉H₁₄O₅S

Numéro CAS: **143-74-8**

Poids moléculaire: 354.38

Beilstein: 326470

Numéro EC: **205-609-7**

Numéro MDL: **MFCD00003552**

ID de substance PubChem: **24847179**

NACRES: NA.47

Référence	Conditionnement	Disponibilité	Prix	Quantité
114529-5G	5 G	✓ Only 2 left in stock (more on the way) Détails...	39,80 €	- + i
114529-25G	25 G	✓ Disponible pour expédition le 04 octobre 2022 Détails...	138,00 €	- + i

[Demander une commande en gros](#)

[Ajouter au panier](#)

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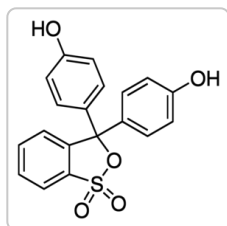
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PRODUITS RECOMMANDÉS



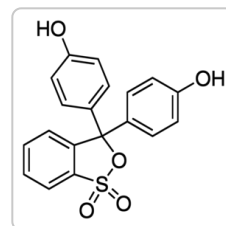
Sigma-Aldrich

P3532

Phenol Red

powder, BioReagent, suitable for cell culture

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P0290

Phenol red solution

0.5%, liquid, sterile-filtered, BioReagent, suitable for cell culture

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Qualité ACS reagent

Niveau de qualité 200

Forme powder

Limpidité de la solution passes test

technique(s) titration: suitable

visual transition interval 6.8-8.2, yellow to red

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ϵ (extinction coefficient)	≥ 10000 at 288-294 nm in H ₂ O
	≥ 55000 at 555-561 nm in H ₂ O
	≥ 7000 at 357-363 nm in H ₂ O
application(s)	diagnostic assay manufacturing hematology histology
Temp. de stockage	room temp
SMILES string	<chem>Oc1ccc(cc1)C2(OS(=O)(=O)c3ccccc23)c4ccc(O)cc4</chem>
InChI	1S/C19H14O5S/c20-15-9-5-13(6-10-15)19(14-7-11-16(21)12-8-14)17-3-1-2-4-18(17)25(22,23)24-19/h1-12,20-21H
InChI key	BELBBZDIHDAJOR-UHFFFAOYSA-N

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

Catégories apparentées[Hematology Stains](#)**DESCRIPTION****Description générale**

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[GET YOURS HERE](#)**Application**

Phenol red is commonly used as a pH indicator in biology and medicine. It is incorporated into microbiological culture media for the identification of Escherichia coli strains. Its clinical diagnostic applications include the investigation of gastric and duodenal ulcers and the assessment of tear function in ophthalmology. Phenol red is also used as a tracer to assess the permeability of the ileal mucosal membrane and to assess bacterial leakage through root-filling materials in dentistry.

Phenol Red has been used for the preparation of phenol red gavage meal for measurement of gastric emptying in rats.

Suitable for use as a pH indicator.

Conditionnement

5, 25 g in glass bottle

Actions biochimiques/physiologiques

Phenol Red is a pH indicator which changes color from yellow to red.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms**GHS07****Mention d'avertissement**

Warning

Mentions de danger**H315 - H335****Conseils de prudence****P261 - P264 - P271 - P280 -
P302 + P352 - P304 + P340 +
P312****Classification des risques**

Skin Irrit. 2 - STOT SE 3

Organes cibles

Respiratory system

**Code de la classe de
stockage****WGK**

WGK 3

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not applicable

not applicable

individual
dust mask type N95 (US),
Eyeshields, Gloves

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)

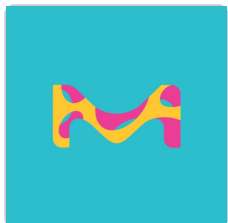
Rechercher

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LES CLIENTS ONT ÉGALEMENT CONSULTÉ

**134210****Gardner Colour Reference Standard**

ASTM D 1544, D 6166 (ASTM colour 5)

[Consulter le prix et la disponibilité](#)

Supelco

1.11748**Phenol red sodium salt**

indicator ACS

[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Preclinical gastrointestinal prokinetic efficacy and endocrine effects of the ghrelin mimetic RM-131.**Van der Ploeg L, et al.***Life Sciences, 109, 20-29 (2014)***TiO₂ nanotube arrays of 1000 ?m length by anodization of titanium foil: phenol red diffusion.****Paulose M, et al.***The Journal of Physical Chemistry C, 111, 14992-14997 (2007)*

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Single-molecule localization microscopy is used to construct super-resolution images, but generally requires prior intense laser irradiation and in some cases additives, such as thiols, to induce on-off switching of fluorophores. These requirements limit the potential applications of this methodology. Here

Dual reporter MESP1 mCherry/w-NKX2-5 eGFP/w hESCs enable studying early human cardiac differentiation.

Sabine C Den Hartogh et al.

Stem cells (Dayton, Ohio), 33(1), 56-67 (2014-09-05)

Understanding early differentiation events leading to cardiogenesis is crucial for controlling fate of human pluripotent stem cells and developing protocols that yield sufficient cell numbers for use in regenerative medicine and drug screening. Here, we develop a new tool to

Maternal age and ovarian stimulation independently affect oocyte mtDNA copy number and cumulus cell gene expression in bovine clones.

Lynsey M Cree et al.

Human reproduction (Oxford, England), 30(6), 1410-1420 (2015-03-31)

Does maternal ageing and ovarian stimulation alter mitochondrial DNA (mtDNA) copy number and gene expression of oocytes and cumulus cells from a novel bovine model for human IVF? Oocytes collected from females with identical nuclear genetics show decreased mtDNA copy

Afficher tous les articles scientifiques apparentés

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

Hand-casting gels for PAGE and SDS-PAGE using TurboMix® Bis-Tris Gel Casting Kits

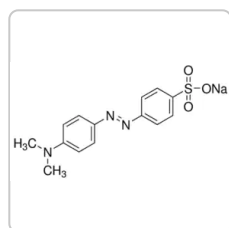
Overview of polyacrylamide gel chemistry and detailed instructions for hand-casting polyacrylamide gels using TurboMix® Bis-Tris Gel Casting Kits

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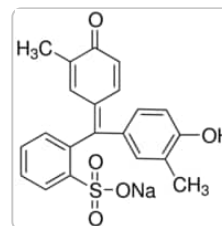


Sigma-Aldrich

114510

Methyl Orange

ACS reagent, Dye content 85 %



Sigma-Aldrich

114480

Cresol Red sodium salt

indicator grade

[Consulter le prix et la disponibilité](#)

[Consulter le prix et la disponibilité](#)

Évaluations



[Soyez le premier à donner votre avis sur ce produit](#)

Questions

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