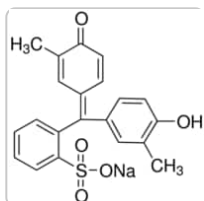


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114480 ▶ **Sigma-Aldrich.**

Cresol Red sodium salt

★★★★★ (0)

indicator grade

Empirical Formula (Hill Notation):

C₂₁H₁₇NaO₅S

Documents

[↓ FDS](#)

[🔍 COO/COA](#)

[📄 Fiche des caractéristiques](#)

[Plus de documents](#) »

Numéro CAS: **62625-29-0**

Numéro EC: **263-654-8**

ID de substance PubChem: **24847175**

Poids moléculaire: 404.41

Numéro MDL: **MFCD00001618**

NACRES: NA.47

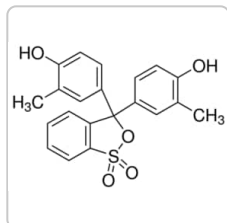
Référence	Conditionnement	Disponibilité	Prix	Quantité
114480-5G	5 G	Only 1 left in stock (more on the way) Détails...	35,10 €	- +
114480-25G	25 G	Only 4 left in stock (more on the way) Détails...	119,00 €	- +

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Sigma-Aldrich

114472**Cresol red**

indicator grade, Dye content 95 %

[Consulter le prix et la disponibilité](#)

Supelco

1.05225**Cresol red**

indicator Reag. Ph Eur

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Qualité	indicator grade
---------	-----------------

Niveau de qualité	100
-------------------	-----

Forme	solid
-------	-------

Pf	250 °C (dec.) (lit.)
----	----------------------

Solubilité	H ₂ O: 1 mg/mL
------------	---------------------------

λ_{max}	425 nm
------------------------	--------

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Temp. de stockage	room temp
SMILES string	<chem>[Na+].Cc1cc(ccc1O)\C(=C2/C=CC(=O)C(C)=C2)c3ccccc3S([O-])(=O)=O</chem>
InChI	1S/C21H18O5S.Na/c1-13-11-15(7-9-18(13)22)21(16-8-10-19(23)14(2)12-16)17-5-3-4-6-20(17)27(24,25)26;/h3-12,22H,1-2H3,(H,24,25,26);/q;+1/p-1/b21-16-;
InChI key	GBXGEGUVARLBPB-PLMZOXRSSA-M

Catégories apparentées**Hematology Stains****DESCRIPTION****Application**

Cresol Red has been used for checking the immobilized carbonic anhydrase-catalyzed reactions. It has also been used in the loading buffer for MHC (major histocompatibility complex) class I typing through PCR.

Conditionnement

5, 25 g in glass bottle

Actions biochimiques/physiologiques

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INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

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**

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e.g. 02555451

Comment saisir un numéro de lot (COO)

Rechercher

Plus De Documents

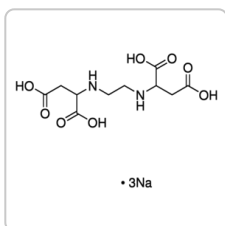
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[Spectra for FT-IR Raman](#)

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[FDS](#)

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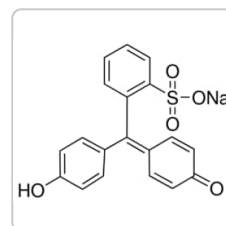
Sigma-Aldrich

92698

Ethylenediamine-*N,N'*-disuccinic acid trisodium salt solution

~35% in H₂O

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Sigma-Aldrich

114537

Phenol Red sodium salt

ACS reagent, Dye content 90 %

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Flow-through sol-gel optical biosensor for the colorimetric determination of acetazolamide.

Paula C A Jerónimo et al.

The Analyst, 130(8), 1190-1197 (2005-07-16)

An optical biosensor based on immobilised carbonic anhydrase and its application to the determination of the anti-glaucoma agent acetazolamide by enzyme inhibition measurements, is described. The enzyme and a pH indicator dye, cresol red, were physically immobilised in overlapped sol-gel

Nanoengineered optical urea biosensor for estimating hemodialysis parameters in spent dialysate.

M Swati et al.

Analytica chimica acta, 676(1-2), 68-74 (2010-08-31)

An optical biosensing scheme based on urease encapsulated calcium alginate microspheres which are coated with polyelectrolyte nanofilms predominantly composed of cresol red (CR) dye is demonstrated in this paper. The dye molecules within the nanofilms are deposited via the layer-by-layer

Kinetics of proton uptake and dye binding by photoactive yellow protein in wild type and in the E46Q and E46A mutants.

Berthold Borucki et al.

Biochemistry, 41(31), 10026-10037 (2002-07-31)

We studied the kinetics of proton uptake and release by photoactive yellow protein (PYP) from *Ectothiorhodospira halophila* in wild type and the E46Q and E46A mutants by transient absorption spectroscopy with the pH-indicator dyes bromocresol purple or cresol red in

An internal indicator for alkaline denaturation of double-stranded DNA in dideoxy sequencing reactions.

B H Taylor et al.

BioTechniques, 14(4), 560-560 (1993-04-01)

Modification of IgH PCR clonal analysis by the addition of sucrose and cresol red directly to PCR reaction mixes.

E Hodges et al.

Molecular pathology : MP, 50(3), 164-166 (1997-06-01)

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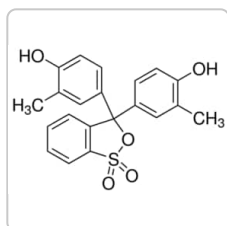


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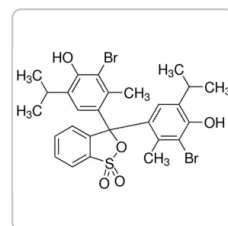
Sigma-Aldrich

114472

Cresol red

indicator grade, Dye content 95 %

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

114413

Bromothymol Blue

ACS reagent, Dye content 95 %

[Consulter le prix et la disponibilité](#)

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