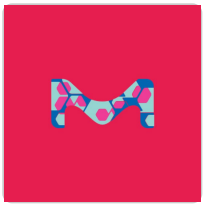


Toutes les photos (1)

94072 ▶ Sigma-Aldrich

Phalloidin–Atto 565

(0)

suitable for fluorescence, ≥80.0% (HPLC)

NACRES: NA.32

Documents

- FDS
- COO/COA
- Fiche des caractéristiques

Plus de documents »

Référence	Conditionnement	Disponibilité		Prix	Quantité
94072-10NMOL	10 NMOL	Only 2 left in stock (more on the way)	Détails...	338,00 €	− +

Demander une commande en gros

Ajouter au panier

PRODUITS RECOMMANDÉS

Sigma-Aldrich

P5282

Phalloidin, Fluorescein Isothiocyanate Labeled

sequence *Amanita phalloides*(synthetic: peptide

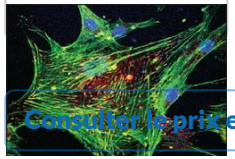
Sigma-Aldrich

49409

Phalloidin-Atto 488

BioReagent, suitable for fluorescence, ≥90% (HPLC)

sequence)



Consulter le prix et la disponibilité

Consulter le prix et la disponibilité

PROPRIÉTÉS

Niveau de qualité	100
Essai/Dosage	≥80.0% (HPLC)
Forme	solid
Poids mol.	M_w 1394 g/mol
manufacturer/tradename	ATTO-TEC GmbH
λ	in methanol
Absorption UV	λ: 562.0-568.0 nm A_{max}
Adéquation	suitable for fluorescence
Temp. de stockage	−20°C

DESCRIPTION

Description générale

Atto 565 is a novel fluorescent label that belongs to the class of Rhodamine dyes. It shows a strong absorption, high fluorescence quantum yield, high thermal and photostability, and a very little triplet formation. Atto 565 consists of a mixture of two isomers with practically identical optical absorption and emission Phalloidin is a fungal toxin isolated from the poisonous mushroom *Amanita phalloides.* Its toxicity is attributed to the ability to bind F actin in liver and muscle cells. As a result of binding phalloidin, actin filaments become strongly stabilized. Phalloidin has been found to bind only to polymeric and oligomeric forms of actin, and not to monomeric actin. The dissociation constant of the actin-phalloidin complex has been determined to be on the order of 3 x 10^{-8}. Phalloidin differs from amanitin in rapidity of action; at high dose levels, death of mice or rats occurs within 1 or 2 hours. Fluorescent conjugates of phalloidin are used to label actin filaments for histological applications. Some structural features of phalloidin are required for the binding to actin. However, the side chain of amino acid 7 (g-d-dihydroxyleucine) is accessible for chemical modifications without appreciable loss of affinity for actin.

find more information **here**

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage	**WGK**	**Flash Point(F)**	**Point d'éclair C**
13 - Non Combustible Solids	WGK 3	Not applicable	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

Fiches Techniques

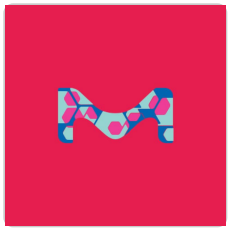
94072 Atto 565 phalloidin

Manuel D'utilisation

STED Sample Preparation Guide

FDS

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



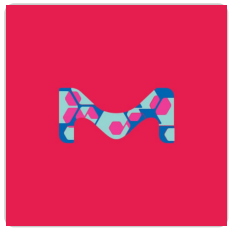
Sigma-Aldrich

55212

Phalloidin–Atto Rho6G

suitable for fluorescence, ≥90% (HPCE)

Consulter le prix et la disponibilité



Sigma-Aldrich

65906

Phalloidin–Atto 647N

BioReagent, suitable for fluorescence, ≥80% (HPLC)

Consulter le prix et la disponibilité

ARTICLES REVUS PAR DES PAIRS

Recombinant Extracellular Matrix Protein Fragments Support Human Embryonic Stem Cell Chondrogenesis.

Aixin Cheng et al.
Tissue engineering. Part A, 24(11-12), 968-978 (2017-12-28)

We previously developed a 14-day culture protocol under potentially GMP, chemically defined conditions, to generate chondroprogenitors from human embryonic stem cells (hESCs). In vivo work has confirmed the cartilage repair capacity of these cells in a nude rat osteochondral defect

Tissue-Specific DNA Repair Activity of ERCC-1/XPF-1.

Mariangela Sabatella et al.
Cell reports, 34(2), 108608-108608 (2021-01-14)

Hereditary DNA repair defects affect tissues differently, suggesting that in vivo cells respond differently to DNA damage. Knowledge of the DNA damage response, however, is largely based on in vitro and cell culture studies, and it is currently unclear whether DNA repair

Myotube migration to cover and shape the testis of

Silke Rothenbusch-Fender et al.
Biology open, 6(12), 1876-1888 (2017-11-11)

During

Multiple cryoinjuries modulate the efficiency of zebrafish heart regeneration.

Thomas Bise et al.
Scientific reports, 10(1), 11551-11551 (2020-07-16)

Zebrafish can regenerate their damaged hearts throughout their lifespan. It is, however, unknown, whether regeneration remains effective when challenged with successive cycles of cardiac damage in the same animals. Here, we assessed ventricular restoration after two, three and six cryoinjuries

Attenuation of the pro-inflammatory signature of lung cancer-derived mesenchymal stromal cells by statins.

Sabine Galland et al.
Cancer letters, 484, 50-64 (2020-05-19)

Solid tumor growth triggers a dynamic host response, which recapitulates wound healing and defines the tumor microenvironment (TME). In addition to the action of the tumor cells themselves, the TME is maintained by a myriad of immune and stromal cell-derived

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Atto Dyes for Superior Fluorescent Imaging

Atto dyes are a series of fluorescent dyes that meet the critical needs of modern fluorescent technologies.

Contenu apparenté

Atto Dyes for Superior Fluorescent Imaging

Atto dyes are a series of fluorescent dyes that meet the critical needs of modern fluorescent technologies

PRODUITS CONSULTÉS RÉCEMMENT

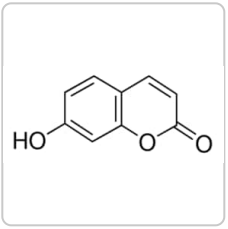
Sigma-Aldrich

94046

Sodium phosphate dibasic solution

BioUltra, 0.5 M in H_2O

Consulter le prix et la disponibilité



Sigma-Aldrich

93979

Umbelliferone

suitable for fluorescence indicator, ≥98.0% (HPLC)

Consulter le prix et la disponibilité

Évaluations

★★★★★

Soyez le premier à donner votre avis sur ce produit

Questions

Soyez le premier à poser une question

SERVICE TECHNIQUE

Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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