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

F8190 ▶ Sigma-Aldrich®

Fucoidan from *Fucus vesiculosus*

★★★★★ (0)

≥95%



Toutes les photos (1)

Synonyme(s):
Fucoidin

Numéro CAS:
9072-19-9

Numéro MDL:
MFCD00131109

Select an Option

Référence

F8190-500MG

500 MG

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1

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Documents

-  [FDS](#)
-  [COO/COA](#)
-  [Fiche des caractéristiques](#)

PRODUITS RECOMMANDÉS



Sigma-Aldrich
F8315
Fucoidan from *Undaria pinnatifida*
≥95%

Consulter le prix et la disponibilité

PROPRIÉTÉS

Source biologique
algae (*Fucus Vesiculosus*)

Niveau de qualité
200

Essai/Dosage

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DESCRIPTION

Description générale

Fucoidan is a fucose-rich, sulfated polysaccharide isolated from several species of brown seaweed.

Application

Fucoidan from *Fucus vesiculosus* has been to:

- study the application of heparin red in detecting fucoidan
- study its bioactivity as an antimicrobial agent
- study its effects on advanced glycation end-products

Conditionnement

500 mg in poly bottle

Actions biochimiques/physiologiques

Studies of fucoidan have found it to have a broad variety of biological activities including antitumor and antiangiogenic activities, immunomodulatory, anti-inflammatory, anticoagulant, antithrombotic, and antioxidant activities. Fucoidan induces macrophage activation with subsequently activates mitogen activated protein kinases (MAPKs) and results in natural killer cell proliferation. Fucoidan acts as a nonselective selectin blocker and has been shown to induce apoptosis and suppress angiogenesis.

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

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Font d'écriture

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).

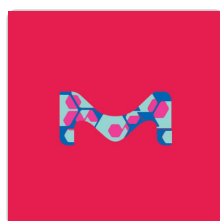
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

G4252

Glyoxalase I from *Saccharomyces cerevisiae*

Grade IV, buffered aqueous glycerol solution, ≥400 units/mg protein

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ARTICLES REVUS PAR DES PAIRS

Fucoïdan from *Fucus vesiculosus* attenuates doxorubicin-induced acute cardiotoxicity by regulating JAK2/STAT3-mediated apoptosis and autophagy.

Jie Zhang et al.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 130, 110534-110534 (2020-07-28)

Doxorubicin (DOX) is well-known for its potent antitumor activity but limited by its multiple and serious adverse effects. A major adverse effect is acute cardiotoxicity; yet, its mechanism has not been elucidated. Fucoïdan is a multifunctional and nontoxic polysaccharide that

Novel Enzyme Actions for Sulphated Galactofucan Depolymerisation and a New Engineering Strategy for Molecular Stabilisation of Fucoïdan Degrading Enzymes.

Hang T T Cao et al.

Marine drugs, 16(11) (2018-11-06)

Fucoïdanes from brown macroalgae have beneficial biomedical properties but their use as pharma products requires homogenous oligomeric products. In this study, the action of five recombinant microbial fucoïdan degrading enzymes were evaluated on fucoïdanes from brown macroalgae: *Sargassum mclurei*, *Fucus*

Quantification of sulfated polysaccharides in mouse and rat plasma by the Heparin Red mix-and-read fluorescence assay

Ulrich W et al.

ARKIVOC (Gainesville, FL, United States) (2017)

Anti-Inflammatory Potential of Fucoïdan for Atherosclerosis: In Silico and In Vitro Studies in THP-1 Cells.

Etimad Huwait et al.

Molecules (Basel, Switzerland), 27(10) (2022-05-29)

Several diseases, including atherosclerosis, are characterized by inflammation, which is initiated by leukocyte migration to the inflamed lesion. Hence, genes implicated in the early stages of inflammation are potential therapeutic targets to effectively reduce atherogenesis. Algal-derived polysaccharides are one of

Bioactivity of Fucoïdan as an Antimicrobial Agent in a New Functional Beverage

Poveda-Castillo et al.

Becker-Shaffer's Diagnosis and Therapy of the Glaucomas (2018)

Afficher tous les articles scientifiques apparentés

PRODUITS CONSULTÉS RÉCEMMENT



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