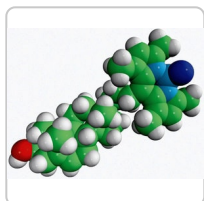


Saisir le nom du produit, le numéro de lot, etc.

[Toutes les photos](#) (2)

Documents

[↓ FDS](#)[🔍 COO/COA](#)

810255P Avanti

TopFluor® Cholesterol

23-(dipyrrometheneboron difluoride)-24-norcholesterol, powder

Synonyme(s):

Bodipy Cholesterol; Bdp-Chol

Empirical Formula (Hill Notation):

 $C_{36}H_{51}BF_2N_2O$

Numéro CAS:

878557-19-8

Poids moléculaire:

576.61

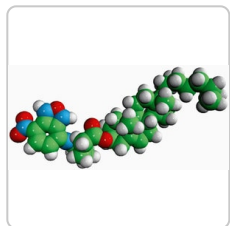
NACRES:

NA.25

Référence	Conditionnement	Disponibilité	Prix	Quantité
810255P-1MG	1 MG	✓ Only 2 left in stock (more on the way) Détails...	250,00 €	- + i
810255P-5MG	5 MG	✓ Only 2 left in stock (more on the way) Détails...	511,00 €	- + i
810255P-10MG	10 MG	✓ Date d'expédition estimée le 21 novembre 2022	924,00 €	- + i

[Demander une commande en gros](#)[Ajouter au panier](#)

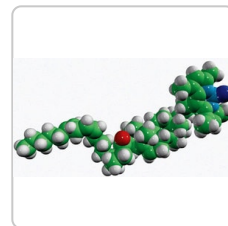
PRODUITS RECOMMANDÉS



Avanti

810251P**NBD-6 Cholesterol**

Avanti Polar Lipids 810251P, powder

[Consulter le prix et la disponibilité](#)

Avanti

810290P**18:2 TopFluor® cholesterol**

Avanti Polar Lipids 810290P, powder

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Essai/Dosage >99% (TLC)

Forme powder

Conditionnement
pkg of 1 × 1 mg (810255P-1mg)
pkg of 1 × 10 mg (810255P-10mg)
pkg of 1 × 5 mg (810255P-5mg)

manufacturer/tradename Avanti Polar Lipids 810255P

Expédié(e)s dans dry ice

Temp. de stockage -20°C

DESCRIPTION

Description générale

Biomolecules attached to BODIPY, is readily absorbed in the visible light. It results in greater fluorescence quantum yields. It is highly photostable and less sensitive to change in polarity and pH.

Application

TOPFLUOR[®] Cholesterol is suitable:

- for cholesterol-uptake assay
- for BODIPY cholesterol labeling in live cell experiments
- for the formation of giant Janus liposomes via poly(vinyl alcohol) (PVA)-assisted lipid swelling

Actions biochimiques/physiologiques

BODIPY labelled cholesterol has similar properties to that of the naïve cholesterol. This serves as a cholesterol marker for live cells and aids in trafficking intracellular cholesterol. It might also help in indicating lipid storage diseases.

Conditionnement

5 mL Amber Glass Screw Cap Vial (810255P-10mg)

5 mL Amber Glass Screw Cap Vial (810255P-1mg)

5 mL Amber Glass Screw Cap Vial (810255P-5mg)

Informations légales

TopFluor is a registered trademark of Avanti Polar Lipids, Inc.

PRODUITS APPARENTÉS

Souvent Commandé Avec Ce Produit

810150C

18:1 Liss Rhod PE, Avanti Polar Lipids 810150C

[View Pricing](#)

850355P

16:0 PC (DPPC), 1,2-dipalmitoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)

850375C

18:1 (Δ^9 -Cis) PC (DOPC), 1,2-dioleoyl-*sn*-glycero-3-phosphocholine, chloroform

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

**Code de la classe de
stockage**

WGK
WGK 3

13 - Non Combustible Solids

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).

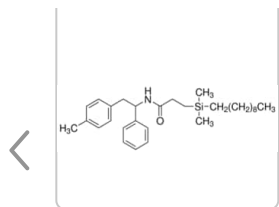
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

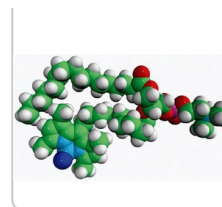
LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

S9318**Sandoz 58-035**

>98% (HPLC), powder

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Avanti

810281P**TopFluor® PC**1-palmitoyl-2-(dipyrrometheneboron difluoride)undecanoyl-*sn*-glycero-3-phosphocholine,...[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Tracking peptide-membrane interactions: insights from in situ coupled confocal-atomic force microscopy imaging of NAP-22 peptide insertion and assembly.

James E Shaw et al.*Journal of structural biology*, 155(3), 458-469 (2006-08-08)

Elucidating the role that charged membrane proteins play in determining cell membrane structure and dynamics is an area of active study. We have applied in situ correlated atomic force and confocal microscopies to characterize the interaction of the NAP-22 peptide

Membrane fluidity and lipid order in ternary giant unilamellar vesicles using a new bodipy-cholesterol derivative.

Florly S Ariola et al.*Biophysical journal*, 96(7), 2696-2708 (2009-04-08)

Cholesterol-rich, liquid-ordered (L(o)) domains are believed to be biologically relevant, and yet detailed knowledge about them, especially in live cells under physiological conditions, is elusive. Although these domains have been observed in model membranes, understanding cholesterol-lipid interactions at the molecular

Two-photon time-lapse microscopy of BODIPY-cholesterol reveals anomalous sterol diffusion in chinese hamster ovary cells.

Frederik W Lund et al.*BMC biophysics*, 5, 20-20 (2012-10-20)

Cholesterol is an important membrane component, but our knowledge about its transport in cells is sparse. Previous imaging studies using dehydroergosterol (DHE), an intrinsically fluorescent sterol from yeast, have established that vesicular and non-vesicular transport modes contribute to sterol trafficking

A sensitive assay for ABCA1-mediated cholesterol efflux using BODIPY-cholesterol.

Sandhya Sankaranarayanan et al.

Journal of lipid research, 52(12), 2332-2340 (2011-10-01)

Studies have shown a negative association between cellular cholesterol efflux and coronary artery disease (CAD). Standard protocol for quantitating cholesterol efflux involves labeling cells with [(3)H]cholesterol and measuring release of the labeled sterol. Using [(3)H]cholesterol is not ideal for the

Whole plant based treatment of hypercholesterolemia with *Crataegus laevigata* in a zebrafish model.

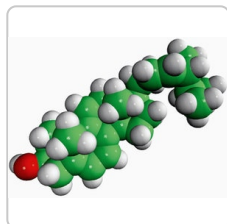
Robert M Littleton et al.

BMC complementary and alternative medicine, 12, 105-105 (2012-07-25)

Consumers are increasingly turning to plant-based complementary and alternative medicines to treat hypercholesterolemia. Many of these treatments are untested and their efficacy is unknown. This multitude of potential remedies necessitates a model system amenable to testing large numbers of organisms

Afficher tous les articles scientifiques apparentés

PRODUITS CONSULTÉS RÉCEMMENT

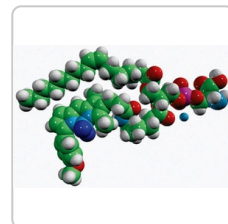


Avanti

810253P

dehydroergosterol (DHE)

ergosta-5,7,9(11),22-tetraen-3 β -ol, powder



Avanti

810242P

TopFluor® TMR PS

Avanti Polar Lipids 810242P, powder

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