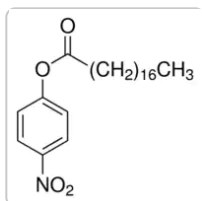


Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.


[GET YOURS HERE](#)

[Toutes les photos](#) (2)

Documents



FDS



COO/COA



Fiche des caractéristiques

[Plus de documents](#) »

N3627 ▶ **Sigma-Aldrich**

4-Nitrophenyl stearate

★★★★★ (0)

lipase substrate

Synonyme(s):

4-Nitrophenyl octadecanoate, Octadecanoic acid 4-nitrophenyl ester

Empirical Formula (Hill Notation):

C₂₄H₃₉NO₄

Numéro CAS: **14617-86-8**

Poids moléculaire: 405.57

Beilstein: 2013000

Numéro MDL: **MFCD00047733**

ID de substance PubChem: **24897653**

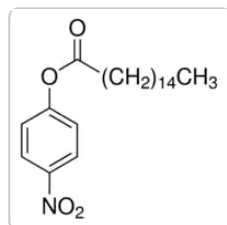
NACRES: NA.83

Référence	Conditionnement	Disponibilité	Prix	Quantité
N3627-1G	1 G	Date d'expédition estimée le 14 novembre 2022	400,00 €	- + i

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

Brighten up your lab coat!

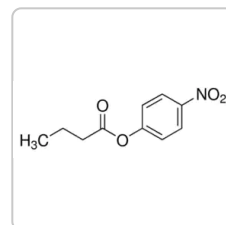
Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.

[GET YOURS HERE](#)

Sigma-Aldrich

N2752**4-Nitrophenyl palmitate**

lipase substrate

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

N9876**4-Nitrophenyl butyrate**

≥98%

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Niveau de qualité	200
Essai/Dosage	≥90% (TLC)
Forme	powder
Solubilité	chloroform: 100 mg/mL, clear to slightly hazy, colorless to light yellow
Temp. de stockage	-20°C
SMILES string	<chem>CCCCCCCCCCCCCCCC(=O)Oc1ccc(cc1)[N+](=[O-])=O</chem>
InChI	1S/C24H39NO4/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-24(26)29-23-20-18-22(19-21-23)25(27)28/h18-21H,2-17H2,1H3

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.

[GET YOURS HERE](#)

INFORMATIONS SUR LA SÉCURITÉ

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

Warning

Mentions de danger**H317****Conseils de prudence****P280****Classification des risques**

Skin Sens. 1

Code de la classe de stockage

13 - Non Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelledust mask type N95 (US),
Eyeshields, Faceshields,
Gloves

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.



GET YOURS HERE



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)

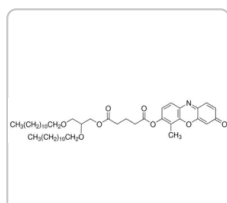
Rechercher

Plus De Documents

Structure Search

FDS

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

D7816

1,2-Di-O-lauryl-*rac*-glycero-3-glutaric acid 6'-methylresorufin ester

lipase substrate



Sigma-Aldrich

MAK047

Lipase Activity Assay Kit II

sufficient for 100 colorimetric tests (with TNB standard)

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.



GET YOURS HERE



ARTICLES REVUS PAR DES PAIRS

Atypical organic-solvent tolerant bacterial hormone sensitive lipase-like homologue EstAG1 from *Staphylococcus saprophyticus* AG1: Synthesis and characterization.

Alisa Gricajeva et al.

International journal of biological macromolecules, 130, 253-265 (2019-02-24)

Biocatalysts exerting activity against ester bonds have a broad range of applications in modern biotechnology. Some of the most industrially relevant enzymes of this type are lipolytic and their market is predicted to uphold leadership up till 2024. In this

Covalent immobilization of a halophilic, alkalithermostable lipase LipR2 on Florisil® nanoparticles for production of alkyl levulinates.

Noha M Mesbah

Archives of biochemistry and biophysics, 667, 22-29 (2019-04-26)

A novel halophilic, alkalithermostable lipase LipR2 from *Alkalispirillum* sp. NM-ROO2 was cloned and expressed. LipR2 was covalently immobilized on Florisil® functionalized with glutaraldehyde. Protein binding efficiency of functionalized Florisil® was 94.7%. Immobilized LipR2 retained 97.5% of specific activity of the

Identification and Characterization of a Novel Thermostable GDSL-Type Lipase from *Geobacillus thermocatenulatus*.

Eunhye Jo et al.

Journal of microbiology and biotechnology, 31(3), 483-491 (2021-02-25)

Two putative genes, lip29 and est29, encoding lipolytic enzymes from the thermophilic bacterium *Geobacillus thermocatenulatus* KCTC 3921 were cloned and overexpressed in *Escherichia coli*. The recombinant Lip29 and Est29 were purified 67.3-fold to homogeneity with specific activity of 2.27 U/mg

Enhanced expression of lipase I from *Galactomyces geotrichum* by codon optimisation in *Pichia pastoris*.

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.



GET YOURS HERE



Optimisation of combi-lipases from *Aspergillus niger* for the synergistic and efficient hydrolysis of soybean oil.

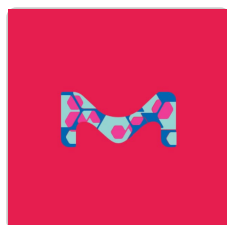
Hanzhen Qiao et al.

Animal science journal = Nihon chikusan Gakkaiho, 88(5), 772-780 (2016-10-06)

The enzymatic properties of four lipases (A, B, C and D) from different strains of *Aspergillus niger*, were investigated, and a 3-factor mixture design and triangular surface analysis were performed to screen the optimal combi-lipase by observing synergistic effects. Lipases

[Afficher tous les articles scientifiques apparentés](#)

PRODUITS CONSULTÉS RÉCEMMENT



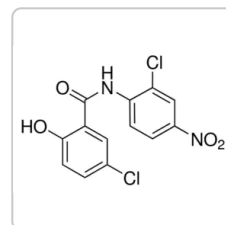
Sigma-Aldrich

N3520

Nutrient Mixture F-12 Ham

Kaighn's Modification, with L-glutamine, without sodium bicarbonate, powder, suitable for cell culture

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

N3510

Niclosamide

[Consulter le prix et la disponibilité](#)

Évaluations

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.

[GET YOURS HERE](#)

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..

[Contacter notre Service technique](#)

Brighten up your lab coat!

Subscribe to our scientific newsletters and make your lab mates jealous with a shiny 'Magical Flask' pin.



GET YOURS HERE



Que pouvons-nous faire pour améliorer cette page spécifique de notre site Internet ?

Envoyer

© 2022 Merck KGaA, Darmstadt, Allemagne et/ou ses sociétés affiliées. Tous droits réservés.

La reproduction d'une quelconque partie du contenu de ce site est strictement interdite sans autorisation.

[Conditions d'utilisation du site](#) | [Politique de confidentialité](#) | [Conditions générales de vente](#) | [Consentement relatif au copyright](#) | [Paramètres des cookies](#)