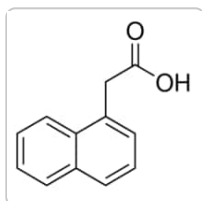


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**N1641** ▶ **Sigma-Aldrich**

1-Naphthylacetic acid

★★★★★ (0)

1 mg/mL, BioReagent, suitable for plant cell culture

Synonyme(s):

α-Naphthaleneacetic acid Free acid, 1-Naphthaleneacetic acid, NAA

Formule linéaire:C₁₀H₇CH₂CO₂H**Numéro CAS:** **86-87-3****Beilstein:** 1308415**ID de substance PubChem:** **24897513****Poids moléculaire:** 186.21**Numéro MDL:** **MFCD00004046****NACRES:** NA.72

Référence	Conditionnement	Disponibilité	Prix	Quantité
N1641-50ML	50 ML	✓ Disponible pour expédition le 07 octobre 2022	Détails... 22,10 €	- + i

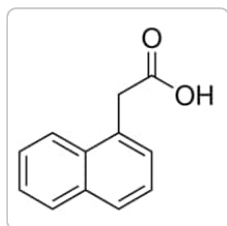
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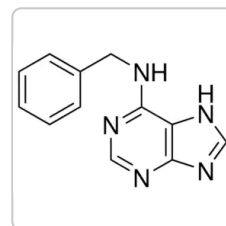
Sigma-Aldrich

N0640

1-Naphthaleneacetic acid

BioReagent, suitable for plant cell culture, ≥95%, crystalline

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

B3408

6-Benzylaminopurine

suitable for plant cell culture

[Consulter le prix et la disponibilité](#)



PROPRIÉTÉS

Stérilité	sterile-filtered
Niveau de qualité	400
Gamme de produits	BioReagent
Forme	solution
Concentration	1 mg/mL
technique(s)	cell culture plant: suitable
Pf	129-131.5 °C (lit.)
application(s)	agriculture

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SMILES string

CC(=O)C1=CC=CC=C1C2=CC=CC=C2

InChI

1S/C12H10O2/c13-12(14)8-10-6-3-5-9-4-1-2-7-11(9)10/h1-7H,8H2,(H,13,14)

InChI key

PRPINYUDVPFIRX-UHFFFAOYSA-N

Gene Information

human ... [CCKAR\(886\)](#) , [CCKBR\(887\)](#)

Catégories apparentées

[Plant Culture Media](#)

[Plant Culture Reagents](#)

DESCRIPTION

Application

1-Naphthaleneacetic acid (NAA) is a synthetic phytohormone auxin that is added to cell culture media such as Murashige & Skoog media and Chu's N6 media.

INFORMATIONS SUR LA SÉCURITÉ

**Code de la classe de
stockage**

WGK
WGK 1

Flash Point(F)
Not applicable

Point d'éclair C
Not applicable

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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

Plus De Documents

FT-IR Condensed Phase

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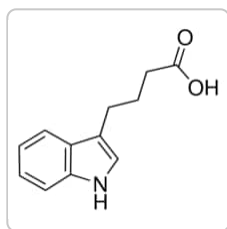
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Structure Search

FDS

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



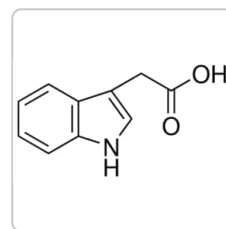
Sigma-Aldrich

I5386

Indole-3-butyric acid

suitable for plant cell culture, BioReagent

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

I2886

3-Indoleacetic acid

suitable for plant cell culture, crystalline

[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Silk cocoon of *Bombyx mori*: proteins and posttranslational modifications--heavy phosphorylation and evidence for lysine-mediated cross links.

Wei-Qiang Chen et al.

Proteomics, 10(3), 369-379 (2009-12-24)

Although silk is used to produce textiles and serves as a valuable biomaterial in medicine, information on silk proteins of the cocoon is limited. Scanning electron microscopy was applied to morphologically characterise the sample and the solubility of cocoon in

Are the current gRNA ranking prediction algorithms useful for genome editing in plants?

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nuclease (CRISPR/Cas9)

Rapid Degradation of *Caenorhabditis elegans* Proteins at Single-Cell Resolution with a Synthetic Auxin.

Michael A Q Martinez et al.

G3 (Bethesda, Md.), 10(1), 267-280 (2019-11-16)

As developmental biologists in the age of genome editing, we now have access to an ever-increasing array of tools to manipulate endogenous gene expression. The auxin-inducible degradation system allows for spatial and temporal control of protein degradation via a hormone-inducible

Intrinsic Cell Polarity Coupled to Growth Axis Formation in Tobacco BY-2 Cells.

Jordi Chan et al.

Current biology : CB, 30(24), 4999-5006 (2020-10-10)

Several plant proteins are preferentially localized to one end of a cell, allowing a polarity to be assigned to the cell. These cell polarity proteins often exhibit coordinated patterns between neighboring cells, termed tissue cell polarity. Tissue cell polarity is

Local auxin biosynthesis is required for root regeneration after wounding.

Rotem Matosevich et al.

Nature plants, 6(8), 1020-1030 (2020-08-05)

The root meristem can regenerate following removal of its stem-cell niche by recruitment of remnant cells from the stump. Regeneration is initiated by rapid accumulation of auxin near the injury site but the source of this auxin is unknown. Here

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suitable for cell culture

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