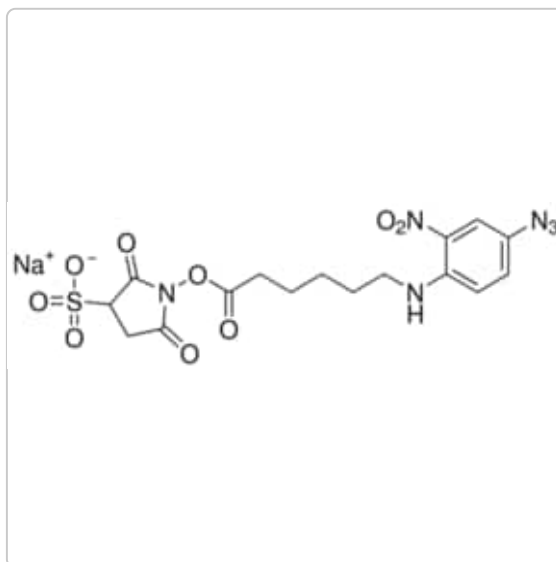


**803332** ▶ **Sigma-Aldrich.**

Sulfo-SANPAH (sulfosuccinimidyl 6-(4'-azido-2'-nitrophenylamino)hexanoate)

★★★★★ (0)

[Toutes les photos](#) (1)**Empirical Formula (Hill Notation):**C₁₆H₁₇O₉N₆NaS**Poids moléculaire:**

492.40

ID de substance PubChem:[329768797](#)**NACRES:**

NA.22

Select an Option

Référence

803332-50MG



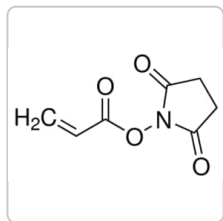
50 MG

376,00 €Disponible pour expédition le 10 octobre 2022 - **De**

—

1

+

Ajouter au panier[Demander une commande en gros](#)**Documents**[↓ FDS](#)[🔍 COO/COA](#)[📄 Fiche des caractéristiques](#)[Plus de documents >>](#)**PRODUITS RECOMMANDÉS**

Sigma-Aldrich

A8060**Acrylic acid N-hydroxysuccinimide ester**

≥90%

[Consulter le prix et la disponibilité](#)

< 1 of 10 >

PROPRIÉTÉS

Forme

powder

Niveau de qualité

100

Poids mol.

492.4

reaction suitability

reagent type: cross-linking reagent

Conditions de stockage

desiccated

Solubilité

water: soluble

Expédié(e)s dans

ambient

Temp. de stockage

-20°C

SMILES stringO=C1CC(S(=O)([O-])=O)C(N1OC(CCCCCNC2=CC=C(N=[N+]=[N-])C=C2[N+])([O-])=O)=O.[Na+]**InChI**1S/C16H18N6O9S.Na/c17-20-19-10-5-6-11(12(8-10)22(26)27)18-7-3-1-2-4-15(24)31-21-14(23)9-13(16(21)25)32(28,29)30;/h5-6,8,13,18H,1-4,7,9H2,(H,28,29,30);/q;+1/p-1**InChI key**

XXUXLXCHYVHAOD-UHFFFAOYSA-M

Catégories apparentées[Crosslinkers](#)

DESCRIPTION

Description générale

ANB-NOS and Sulfo-SANPAH are heterobifunctional crosslinkers that contain an amine-reactive N-hydroxysuccinimide (NHS) ester and a photoactivatable nitrophenyl azide. NHS esters react efficiently with primary amino groups (-NH₂) in pH 7-9 buffers to form stable amide bonds. When exposed to UV light nitrophenyl azides form a nitrene group that can initiate addition reactions with double bonds, insertion into C-H and N-H sites, or subsequent ring expansion to react with a nucleophile (e.g., primary amines).

Caractéristiques et avantages

- Reactive groups: sulfo-NHS ester and nitrophenyl azide
- Reactive towards: amino groups and any nucleophile
- Non-cleavable
- N-Sulfosuccinimidyl-6-(4'-azido-2'-nitrophenylamino) hexanoate
- Optimal photolysis occurs at 320-350 nm; minimizes damage to biomolecules by irradiation
- Water soluble; non-cleavable

Attention

This product is sensitive to moisture. The vial is packaged in a resealable bag with a desiccant to reduce exposure to moisture. After cold storage, equilibrate the vial to room temperature before opening to reduce condensation inside the vial. Make fresh solutions. Storage of stock solutions is not recommended. After use, return the vial to the resealable bag. Close the bag and store the product at the recommended temperature.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



GHS07

Mention d'avertissement

Warning

Mentions de danger**H319****Conseils de prudence****P264 - P280 - P305 + P351 + P338 - P337 + P313****Classification des risques**

Eye Irrit. 2

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

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

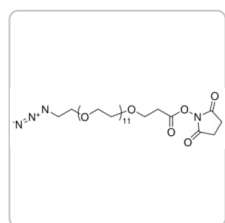
e.g. 023J5431

[Comment saisir un numéro de lot \(COO\)](#)[Rechercher](#)

Plus De Documents

[Structure Search](#)[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

QBD10505**Azido-dPEG® 12-NHS ester**[Consulter le prix et la disponibilité](#)

< 1 of 7 >

ARTICLES REVUS PAR DES PAIRS

[Influence of type I collagen surface density on fibroblast spreading, motility, and contractility.](#)

Christianne Gaudet et al.*Biophysical journal*, 85(5), 3329-3335 (2003-10-29)

We examine the relationships of three variables (projected area, migration speed, and traction force) at various type I collagen surface densities in a population of fibroblasts. We observe that cell area is initially an increasing function of ligand density, but

[Biotherapy of B-cell precursor leukemia by targeting genistein to CD19-associated tyrosine kinases.](#)

F M Uckun et al.*Science (New York, N.Y.)*, 267(5199), 886-891 (1995-02-10)

B-cell precursor (BCP) leukemia is the most common form of childhood cancer and the second most common form of acute leukemia in adults. Human BCP leukemia was treated in a severe combined immunodeficient mouse model by

targeting of the tyrosine

Regulation of axon growth by myosin II-dependent mechanocatalysis of cofilin activity.

Xiao-Feng Zhang et al.

The Journal of cell biology, 218(7), 2329-2349 (2019-05-28)

Serotonin (5-HT) is known to increase the rate of growth cone advance via cofilin-dependent increases in retrograde actin network flow and nonmuscle myosin II activity. We report that myosin II activity is regulated by PKC during 5-HT responses and that

Durotaxis Index of 3T3 Fibroblast Cells Scales with Stiff-to-Soft Membrane Tension Polarity.

Yuehua Yang et al.

Biophysical journal, 119(7), 1427-1438 (2020-09-09)

Cell durotaxis is an essential process in tissue development. Although the role of cytoskeleton in cell durotaxis has been widely studied, whether cell volume and membrane tension are implicated in cell durotaxis remains unclear. By quantifying the volume distribution during

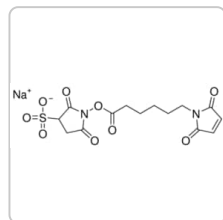
Matrix stiffness modulates the activity of MMP-9 and TIMP-1 in hepatic stellate cells to perpetuate fibrosis.

Dariusz Lachowski et al.

Scientific reports, 9(1), 7299-7299 (2019-05-16)

Liver fibrosis is characterised by a dense and highly cross-linked extracellular matrix (ECM) which promotes progression of diseases such as hepatocellular carcinoma. The fibrotic microenvironment is characterised by an increased stiffness, with rigidity associated with disease progression. External stiffness is

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

803235

Sulfo-EMCS (N-(ε-maleimidocaproyloxy) sulfosuccinimide ester)

[Consulter le prix et la disponibilité](#)

< 1 of 10 >

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..

Contactez notre Service technique

Le contenu de cette page vous a-t-il été utile ?*



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](#)