

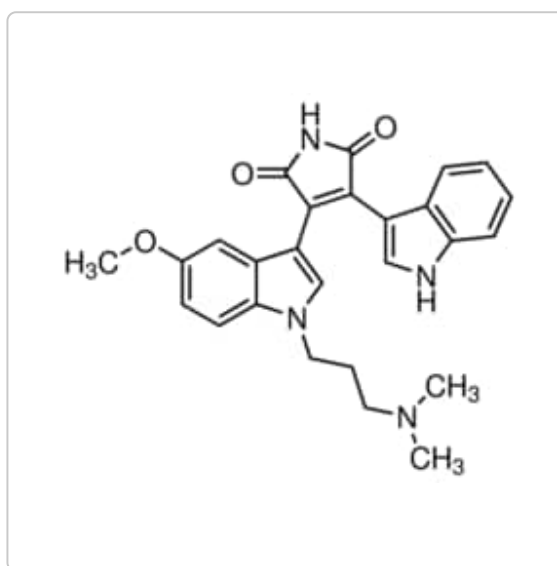
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[GET YOURS HERE](#)**G1918** ▶ **Sigma-Aldrich****Gö 6983**

★★★★★ (0)

≥97%

[Toutes les photos](#) (2)**Synonyme(s):**

3-[1-[3-(Dimethylamino)propyl]-5-methoxy-1H-indol-3-yl]-4-(1H-indol-3-yl)-1H-pyrrole-2,5-dione

Empirical Formula (Hill Notation):C₂₆H₂₆N₄O₃**Numéro CAS:****133053-19-7****Poids moléculaire:**

442.51

Numéro MDL:**MFCD04040031****ID de substance PubChem:****24894916****NACRES:**

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Référence

G1918-500UG



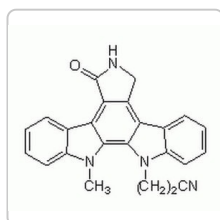
500 µG

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Sigma-Aldrich

365250**Gö 6976 - CAS 136194-77-9 - Calbiochem**

Gö 6976, CAS 136194-77-9, is a cell-permeable, reversible, and ATP-competitive inhibitor of PKC (IC₅₀ = 7.9 nM for rat brain). Exhibits selectively for PKCα (IC₅₀ = 2.3 nM) and βI (IC₅₀ = 6.2 nM).

[Consulter le prix et la disponibilité](#)

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100

Essai/Dosage

≥97%

Forme

powder

Solubilité

DMSO: 10 mg/mL, clear

Temp. de stockage

-20°C

SMILES stringCOc1ccc2n(CCCN(C)C)cc(C3=C(C(=O)NC3=O)c4c[nH]c5cccc45)c2c1**InChI**

1S/C26H26N4O3/c1-29(2)11-6-12-30-15-20(18-13-16(33-3)9-10-22(18)30)24-23(25(31)28-26(24)32)19-14-27-21-8-5-4-7-17(19)21/h4-5,7-10,13-15,27H,6,11-12H2,1-3H3,(H,28,31,32)

InChI key

LLJJDHLHGZUOMQP-UHFFFAOYSA-N

DESCRIPTION

Application

GO6983 has been used as a protein kinase C (PKC) inhibitor to study its effects on the nuclear import. It has also been used as a supplement in Fc medium to culture mouse embryonic stem (mES) cells on mitomycin C treated mouse embryonic fibroblasts (MEFs).

Conditionnement

500 µg in glass bottle

1 mg in glass bottle

Actions biochimiques/physiologiques

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INFORMATIONS SUR LA SÉCURITÉ

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 individuelle

dust mask type N95 (US), Eyeshields, Gloves

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

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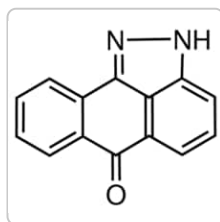


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LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

S5567

SP600125

≥98% (HPLC)

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ARTICLES REVUS PAR DES PAIRS

Pluripotent state transitions coordinate morphogenesis in mouse and human embryos

Shahbazi MN, et al.

Nature, 552(7684), 239-239 (2017)

Zeta Inhibitory Peptide Disrupts Electrostatic Interactions That Maintain Atypical Protein Kinase C in Its Active Conformation on the Scaffold p62.

Li-Chun Lisa Tsai et al.

The Journal of biological chemistry, 290(36), 21845-21856 (2015-07-19)

Atypical protein kinase C (aPKC) enzymes signal on protein scaffolds, yet how they are maintained in an active conformation on scaffolds is unclear. A myristoylated peptide based on the autoinhibitory pseudosubstrate fragment of the atypical PKC ζ , zeta inhibitory peptide (ZIP)

Derivation of novel human ground state naive pluripotent stem cells.

Ohad Gafni et al.

Nature, 504(7479), 282-286 (2013-11-01)

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Self-renewal versus lineage commitment of embryonic stem cells: protein kinase C signaling shifts the balance.

Debasree Dutta et al.

Stem cells (Dayton, Ohio), 29(4), 618-628 (2011-02-11)

The intricate molecular mechanisms that regulate ESC pluripotency are incompletely understood. Prior research indicated that activation of the Janus kinase-signal transducer and activator of transcription (STAT3) pathway or inhibition of extracellular signal-regulated kinase/glycogen synthase kinase 3 (ERK/GSK3) signaling maintains mouse

Phosphorylation of VACM-1/Cul5 by protein kinase A regulates its neddylation and antiproliferative effect.

Shirley E Bradley et al.

The Journal of biological chemistry, 285(7), 4883-4895 (2009-11-18)

Expression of the VACM-1/cul5 gene in endothelial and in cancer cell lines in vitro inhibits cellular proliferation and decreases phosphorylation of MAPK. Structure-function analysis of the VACM-1 protein sequence identified consensus sites specific for phosphorylation by protein kinases A and

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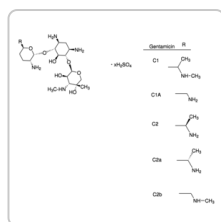
PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Naive Pluripotent Stem Cell Culture in an Inhibitor Based 2i/LIF Containing Serum-Free and Feeder-Free Stem Cell Media

Naive pluripotent stem cells are located within the epiblast of mature blastocysts. These primitive "ground-state" cells may be cultured in vitro using specialized media and small molecule inhibitors.

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

G1914

Gentamicin sulfate

meets USP testing specifications, powder

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