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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Staurosporine

Protein kinase inhibitor
Catalog No. SIH-253



Discovery through partnership | Excellence through quality

Overview

Product Name

Staurosporine

Description

Protein kinase inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

62996-74-1

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

466.54

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 50 mM in DMSO

Source

Synthetic

Appearance

Pale Yellow Solid

SMILES

C[C@@]12[C@@H]([C@@H]([C@@H](O1)N3C4=CC=CC=C4C5=C6C(=C7C8=CC=CC=C8N2C7=C53)CNC6=O)NC)OC

InChI

InChI=1S/C28H26N4O3/c1-28-26(34-3)17(29-2)12-20(35-28)31-18-10-6-4-8-14(18)22-23-16(13-30-27(23)33)21-15-9-5-7-11-19(15)32(2

InChIKey

HKSZLNNOFSGOKW-FYTWVXJKSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Hazard Phrases:

H340- H350

Precautionary Phrases:

P201-P308 + P313

Cite This Product

Staurosporine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-253)

Biological Description

Alternative Names

(2S,3R,4R,6R)-3-Methoxy-2-methyl-4-(methylamino)-29-oxa-1,7,17-triazaoctacyclo[12.12.2.12,6.07,28.08,13.015,19.020,27.021,26]nonacosane-8,10,12,14,19,21,23,25,27-nonaen-16-one

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Tyrosine Kinase Inhibitors

PubChem ID

44259

Scientific Background

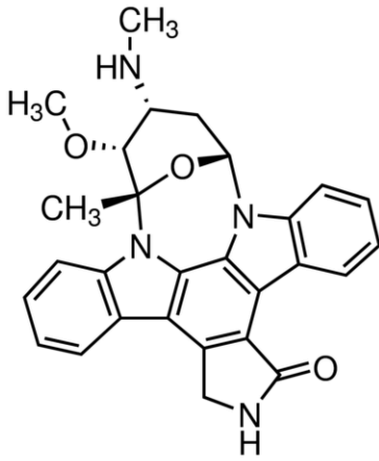
Staurosporine is a broad spectrum protein kinase inhibitor with activities ranging from anti-fungal to anti-hypertensive (1). Staurosporine is a typical ATP-competitive kinase inhibitor that binds to many kinases with high affinity, but with little selectivity (2).

References

1. Ruegg U.T., and Burgess G.M. (1989) Trends in Pharm Science. 10(6): 218-220.
 2. Karaman M.W., et al. (2008) Nat. Biotechnol. 26(1): 127-132.
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Product Images

Chemical structure of Staurosporine (SIH-253), a Protein kinase inhibitor. CAS #: 62996-74-1. Molecular Formula: C₂₈H₂₆N₄O₃. Molecular Weight: 466.54 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.