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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Hypericin

Protein kinase C inhibitor
Catalog No. SIH-250



Discovery through partnership | Excellence through quality

Overview

Product Name

Hypericin

Description

Protein kinase C inhibitor

Purity

>98%

CAS No.

548-04-9

Molecular Formula

C₁₁H₁₀O₁

Molecular Weight

504.45

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 10 mM in ethanol and to 50 mM in DMSO

Source

Synthetic

Appearance

Dark Red Solid

SMILES

CC1=CC(=C2C3=C4C5=C(C(=CC(=C5C2=O)O)O)C6=C7C4=C8C(=C13)C(=CC(=C8C(=O)C7=C(C=C6O)O)O)C)O

InChI

InChI=1S/C30H16O8/c1-7-3-9(31)19-23-15(7)16-8(2)4-10(32)20-24(16)28-26-18(12(34)6-14(36)22(26)30(20)38)17-11(33)5-13(35)21(29(19)

InChIKey

BTXNYTINYBABQR-UHFFFAOYSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

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

Cite This Product

Hypericin (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-250)

Biological Description**Alternative Names**

1,3,4,6,8,13-Hexahydroxy-10,11-dimethylphenanthro[1,10,9,8-opqra]perylene-7,14-dione

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Tyrosine Kinase Inhibitors

PubChem ID

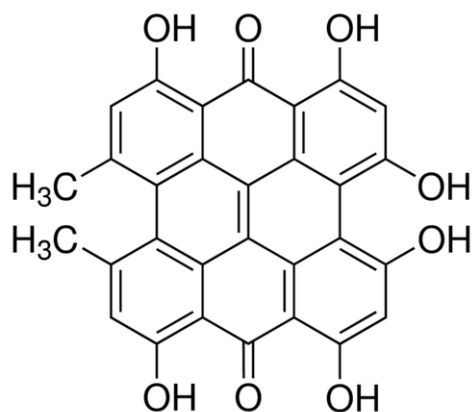
5281051

Scientific Background

Hypericin is a naphthodianthrone that acts as an antibiotic and non-specific kinase inhibitor. It inhibits the action of dopamine beta-hydroxylase, leading to increased dopamine levels. Hypericin can also cause photosensitivity when ingested beyond threshold. And because it also accumulates in cancerous tissues, it can be used as an indicator of cancerous cells (1, 2).

References

1. Hopfner M., et al. (2003) Int J Colorectal Dis. 18(3): 239-247.
2. Agostinis, et al. (2002) Int J Biochem Cell Biol. 34: 221.

Product Images

Chemical structure of Hypericin (SIH-250), a Protein kinase C inhibitor. CAS #: 548-04-9. Molecular Formula: C₃₀H₁₆O₈. Molecular Weight: 504.45 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.