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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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U-74389G

Lipid peroxidation blocker
Catalog No. SIH-205



Discovery through partnership | Excellence through quality

Overview

Product Name

U-74389G

Description

Lipid peroxidation blocker

Purity

>99%

CAS No.

153190-29-5

Molecular Formula

C₁₁H₁₁N₁O₁Cl₁H₁O₁

Molecular Weight

726.9

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 25 mg/ml DMSO, and in 20 mg/ml in ethanol; Insoluble in water

Source

Synthetic

Appearance

White Solid

SMILES

C[C@]12CC=C3[C@H]([C@@H]1CC[C@@H]2C(=O)CN4CCN(CC4)C5=NC(=NC(=C5)N6CCCC6)N7CCCC7)CCC8=CC(=O)C=C[C@@]83C.C(=CC(=O)O)C(=O)O

InChI

InChI=1S/C37H50N6O2.CH4O3S/c1-36-13-11-27(44)23-26(36)7-8-28-29-9-10-31(37(29,2)14-12-30(28)36)32(45)25-40-19-21-42(22-20-

InChIKey

QZGBZPCDCMUFCW-FRVIMOPGSA-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

U-74389G (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-205)

Biological Description

Alternative Names

21-{4-[2,6-Di(1-pyrrolidinyl)-4-pyrimidinyl]-1-piperazinyl}pregna-1,4,9(11)-triene-3,20-dione (2Z)-2-butenedioate (1:1)

Research Areas

Cancer, Apoptosis

PubChem ID

104933

Scientific Background

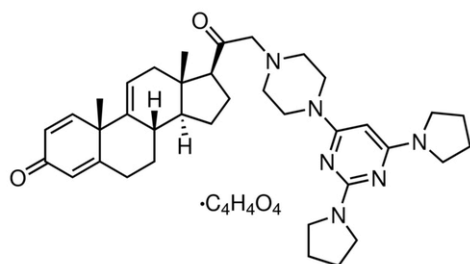
U-74389G is an antioxidant which prevents iron-dependent lipid peroxidation. It prevents organ damage in intestinal cold storage, preservation and reperfusion injury (1-4).

References

1. Ishizaki N., et al. (1997) Transplantation. 63: 202-208.
2. Perna A.M., et al. (1996) Pharmacol Res. 34: 25-31.
3. Palma-Vargas J.M., et al. (1996) J Surg Res. 66: 131-137.
4. Shoskes D.A., Xie Y., Gonzalez-Cadavid N.F. Transplantation. 63: 495-500.

Product Images

Chemical structure of U-74389G (SIH-205), a Free radical scavenger. CAS #: 153190-29-5. Molecular Formula: C₃₇H₅₀N₆O₂ · C₄H₄O₄ . Molecular Weight: 726.9 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.