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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Leptomycin B

Nuclear export inhibitor
Catalog No. SIH-534



Discovery through partnership | Excellence through quality

Overview

Product Name

Leptomycin B

Description

Nuclear export inhibitor

Purity

>99% (HPLC); NMR (Conforms)

CAS No.

87081-35-4

Molecular Formula

C₁₁H₁₁O₁

Molecular Weight

540.7

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

May be dissolved into DMSO or ethanol. Use solutions made with DMSO within 24 hours.

Source

Synthetic

Appearance

Solution in ethanol (0.2 mg/ml)

SMILES

CCC/C=C/[C@H]1OC(=O)C=C[C@@H]1C=C/[C@H](C)CC=CC(C)=C[C@@H](C)(=O)[C@@H](C)[C@H](O)[C@@H](C)CC(C)=CC(O)=O

InChI

1S/C33H48O6/c1-9-28(14-15-29-24(5)13-16-31(36)39-29)19-22(3)12-10-11-21(2)17-25(6)32(37)27(8)33(38)26(7)18-23(4)20-30(34)35/h10-

InChIKey

YACHGFWEQXFSBS-NRQIOVFOSA-N

Safety Phrases

Classification:

B2 Flammable liquid - Flammable liquid

D1B Toxic Material Causing Immediate and Serious Toxic Effects - Toxic by ingestion, Toxic by skin absorption

Hazard statement(s):

H225 Highly flammable liquid and vapour.

H301 + H311 Toxic if swallowed or in contact with skin

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H370 Causes damage to organs.

Precautionary statement(s):

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ protective clothing.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.

Cite This Product

Leptomycin B (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-534)

Biological Description

Alternative Names

Elactocin, LMB, Mantuamycin, NSC 364372

Research Areas

Cancer, Cancer Growth Inhibitors

PubChem ID

6917907

Scientific Background

Leptomycin B is an inhibitor of nuclear export proteins. It is an anti-fungal, and anti-tumor cytotoxin.

Product Images
