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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cycloheximide

Translation inhibitor
Catalog No. SIH-247



Discovery through partnership | Excellence through quality

Overview

Product Name

Cycloheximide

Description

Translation inhibitor

Purity

>98%

CAS No.

66-81-9

Molecular Formula

C₁₁H₁₈N₂O₄

Molecular Weight

281.35

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 50 mM in Ethanol and 25 mM in water

Source

Synthetic

Appearance

White solid

SMILES

C[C@H]1C[C@@H](C(=O)[C@@H](C1)[C@@H](CC2CC(=O)NC(=O)C2)O)C

InChI

InChI=1S/C15H23NO4/c1-8-3-9(2)15(20)11(4-8)12(17)5-10-6-13(18)16-14(19)7-10/h8-12,17H,3-7H2,1-2H3,(H,16,18,19)/t8-,9-,11-,12

InChIKey

YPHMISFOHDHNIV-FSZOTQKASA-N

Safety Phrases

Classification: Very toxic. May be fatal 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

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Risk Phrases:

R26/27/28 - Very Toxic by inhalation, in contact with skin and if swallowed

R62 - Possible risk of impaired fertility

R68- Possible risk of irreversible effects

Hazard Phrases:

H300-H341-H360D-H411

Precautionary Phrases:

P201-P264-P273-P281-P301 + P310-P308 + P313

Cite This Product

Cycloheximide (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-247)

Biological Description

Alternative Names

4-((2R)-2-[(1S,3S,5S)-3,5-Dimethyl-2-oxocyclohexyl]-2-hydroxyethyl)-2,6-piperidinedione

Research Areas

Cancer, Apoptosis

PubChem ID

6197

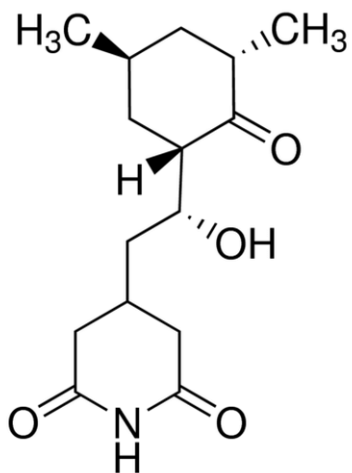
Scientific Background

Selective inhibitor of eukaryotic protein synthesis blocking tRNA binding and release from ribosomes. Induces apoptosis in a variety of transformed and normal cell lines, including T-cells.

References

1. Obrig T.G., et al. (1971) J Biol Chem. 246:174.

Product Images



Chemical structure of Cycloheximide (SIH-247), a Translation inhibitor. CAS #: 66-81-9. Molecular Formula: C₁₅H₂₃NO₄. Molecular Weight: 281.35 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.