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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MDBN

p97 inhibitor
Catalog No. SIH-342



Discovery through partnership | Excellence through quality

Overview

Product Name

MDBN

Description

p97 inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

1485-00-3

Molecular Formula

CHINOI

Molecular Weight

193.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 50 mg/ml DMSO

Source

Synthetic

Appearance

Yellow Solid

SMILES

C1OC2=C(O1)C=C(C=C2)/C=C/[N+](=O)[O-]

InChI

InChI=1S/C9H7NO4/c11-10(12)4-3-7-1-2-8-9(5-7)14-6-13-8/h1-5H,6H2/b4-3+

InChIKey

KFLWBZPSJQPRDD-ONEGZZNKSA-N

Safety Phrases

Classification: Caution Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

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

S24/25- Avoid contact with skin and eyes

Cite This Product

MDBN (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-342)

Biological Description

Alternative Names

3,4-Methylenedioxy-?-nitrostyrene; 5-[(E)-2-Nitrovinyl]-1,3-benzodioxole

Research Areas

Cancer, Apoptosis

PubChem ID

672296

Scientific Background

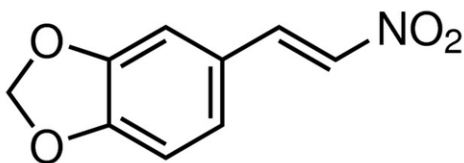
An irreversible inhibitor of p97 (IC50<10 µM). Cell permeable.

References

1. Chou, T.F., et al. (2011) J Biol Chem. 286: 16546.

Product Images

Chemical structure of MDBN (SIH-342), a p97 inhibitor. CAS #: 1485-00-3. Molecular Formula: C9H7NO4. Molecular Weight: 193.2 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.