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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TPEN

Heavy metal chelator
Catalog No. SIH-231



Discovery through partnership | Excellence through quality

Overview

Product Name

TPEN

Description

Heavy metal chelator

Purity

>98%

CAS No.

16858-02-9

Molecular Formula

C11H11N1

Molecular Weight

424.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inducer

Solubility

Soluble in DMSO, 100% ethanol or methanol

Source

Synthetic

Appearance

White to off-white Solid

SMILES

C1=CC=NC(=C1)CN(CCN(CC2=CC=CC=N2)CC3=CC=CC=N3)CC4=CC=CC=N4

InChI

InChI=1S/C26H28N6/c1-5-13-27-23(9-1)19-31(20-24-10-2-6-14-28-24)17-18-32(21-25-11-3-7-15-29-25)22-26-12-4-8-16-30-26/h1-16H,1

7-22H2

InChIKey

CVRXLMUYFMERMJ-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

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

Risk Phrases:

R36/37/38 - Irritating by inhalation, in contact with skin and if swallowed

R68 - Possible risk of irreversible effects

Hazard Phrases:

H315-H319-H335

Precautionary Phrases:

P261-P305 + P351 + P338

Cite This Product

TPEN (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-231)

Biological Description

Alternative Names

N,N,N',N'-Tetrakis(2-pyridinylmethyl)-1,2-ethanediamine

Research Areas

Cancer, Apoptosis

PubChem ID

5519

Scientific Background

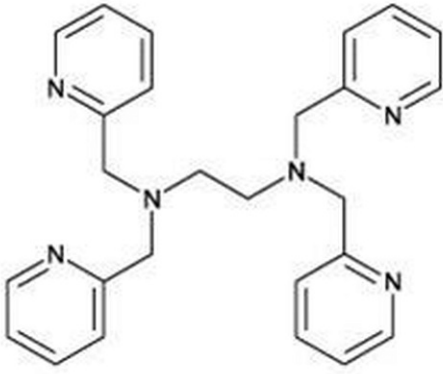
TPEN is a transition metal chelator, and has been reported to confer cardioprotection against myocardial ischemic injury.

References

1. Kim J.H., Kim J., Park Y.H. Cheun K.J. and Jang Y.H. (2010) Korean J Anesthesiol. 58(3): 290-295.

Product Images

Chemical structure of TPEN (SIH-231), a Intracellular Zn²⁺ chelator. CAS #: 16858-02-9. Molecular Formula: C₂₆H₂₈N₆. Molecular Weight: 424.6 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.