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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Chaetocin

Methyltransferase inhibitor
Catalog No. SIH-351



Discovery through partnership | Excellence through quality

Overview

Product Name

Chaetocin

Description

Methyltransferase inhibitor

Purity

>99% (TLC), NMR conforms

CAS No.

28097-03-2

Molecular Formula

C11H11NO1S1

Molecular Weight

696.9

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 25 mg/ml DMSO or 25 mg/ml Ethanol

Source

Synthetic

Appearance

Lyophilized Solid

SMILES

O=C1N4C2(SSC1(N(C2=O)C)CO)CC5(c3ccccc3NC45)C98cc(NC9N6C(=O)C7(SSC6(C(=O)N7C)C8)CO)cccc

InChI

InChI=1S/C30H28N6O6S4/c1-33-21(39)27-11-25(15-7-3-5-9-17(15)31-19(25)35(27)23(41)29(33,13-37)45-43-27)26-12-28-22(40

InChIKey

PZPPOCZWRGNKIR-UHFFFAOYSA-N

Safety Phrases

Classification: Harmful- Harmful by inhalation, in contact with skin, and if swallowed.

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

Precautionary Statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard Statements:

H302- Harmful if swallowed

H312- Harmful in contact with skin

H332- Harmful if inhaled

Cite This Product

Chaetocin (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-351)

Biological Description

Alternative Names

2,2',3,3',5aR,7'5'aR,7,6,7'6'-octahydro-2,3,3'-bis(hydroxymethyl)-2,2,2'-dimethyl-7-[10bR,7'10'bR(11aS,7'11'aS)-7bi-7,7'11a-7-epidithio-7'11aH-7pyrazino[1',2':1,7'5]pyrrolo[2,7,3'-b]indole]-7'1,7'1',7'4,7'4'-tetrone

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

161591

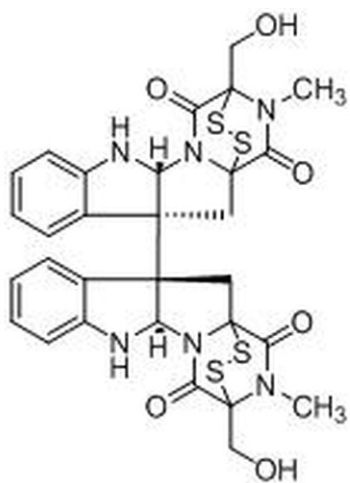
Scientific Background

Inhibits the lysine methyltransferase SU (VAR)3-9. Displays antimyeloma activity in IL-6-dependent myeloma cell lines. Cell permeable.

References

1. Greiner D., et al. (2005) Nat Chem Biol. 1: 143.
 2. Isham, C.R., et al. (2007) Blood. 109: 2579.
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Product Images



Chemical structure of Chaetocin (SIH-351), a Lys methyltransferase inhibitor. CAS #: 28097-03-2 . Molecular Formula: C₃₀H₂₈N₆O₆S₄. Molecular Weight: 696.9 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.