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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MS 275

HDAC inhibitor
Catalog No. SIH-416



Discovery through partnership | Excellence through quality

Overview

Product Name

MS 275

Description

HDAC inhibitor

Purity

>98.5

CAS No.

209783-80-2

Molecular Formula

C11H11NO1

Molecular Weight

376.41

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO or methanol.

Source

Synthetic

Appearance

Off white solid

SMILES

C2=C(C(=O)NC1=C(N)C=CC=C1)C=CC(=C2)CNC(OCC3=CN=CC=C3)=O

InChI

InChI=1S/C21H20N4O3/c22-18-5-1-2-6-19(18)25-20(26)17-9-7-15(8-10-17)13-24-21(27)28-14-16-4-3-11-23-12-16/h1-12H,13-14,22H2,(H

,24,27)(H,25,26)

InChIKey

INVTYAOGFAGBOE-UHFFFAOYSA-N

Safety Phrases

Classification: D1B Toxic Material Causing Immediate and Serious Toxic Effects, Toxic by ingestion, D2A Very Toxic Material Causing Other Toxic Effects, Teratogen, D2B Toxic Material Causing Other Toxic Effects, Reproductive hazard, Moderate skin irritant, Moderate eye irritant

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.

Hazard statements:

H301 Toxic if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H360 May damage fertility or the unborn child.

Precautionary statements:

P201 Obtain special instructions before use.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Cite This Product

MS 275 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-416)

Biological Description

Alternative Names

3-pyridinylmethyl [[4-[[[(2-aminophenyl)amino]carbonyl]phenyl]methyl]carbamate, N-(2-Aminophenyl)-4-[N-(pyridine-3ylmethoxycarbonyl)aminomethyl]benzamide

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

4261

Scientific Background

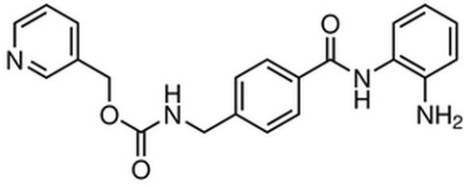
MS 275, also referred to as Entinostat, is a benzamide histone deacetylase inhibitor. It preferentially inhibits HDAC1 and HDAC3. It is currently undergoing several clinical trials for the treatment of Hodgkin's lymphoma, advanced breast cancer, and for metastatic lung cancer.

References

1. Camphausen K., Burgan W., Cerra M., Oswald K.A., Trepel J.B., Lee M.J., et al. (2004) Cancer Res. 316-21.

Product Images

Chemical structure of MS 275 (SIH-416), a HDAC inhibitor. CAS #: 209783-80-2.
Molecular Formula: C₂₁H₂₀N₄O₃. Molecular Weight: 376.41 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.