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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BML-210

HDAC inhibitor
Catalog No. SIH-348



Discovery through partnership | Excellence through quality

Overview

Product Name

BML-210

Description

HDAC inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

537034-17-6

Molecular Formula

C₁₁H₁₁N₂O₂

Molecular Weight

339.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 25 mg/ml DMSO or 10 mg/ml Ethanol

Source

Synthetic

Appearance

Tan Solid

SMILES

C1=CC=C(C=C1)NC(=O)CCCCC(=O)NC2=CC=CC=C2N

InChi

InChi=1S/C20H25N3O2/c21-17-12-8-9-13-18(17)23-20(25)15-7-2-1-6-14-19(24)22-16-10-4-3-5-11-16/h3-5,8-13H,1-2,6-7,14-15,21H2,(H,2

2,24)(H,23,25)

InChIKey

RFLHBLWLFUFFDZ-UHFFFAOYSA-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

Hazard Statements:

H413 May cause long lasting harmful effects to aquatic life.

Cite This Product

Bml-210 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-348)

Biological Description

Alternative Names

N1-(2-aminophenyl)-N8-phenyloctanediamide

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

9543540

Scientific Background

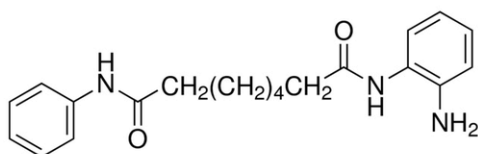
A novel non-hydroxamic acid HDAC inhibitor. IC50=5-10 μ M (HeLa nuclear extract). Induces growth inhibition, proapoptotic and differentiation effects on human leukemia cell lines.

References

1. Savickiene J., et al. (2006) Eur. J. Pharmacol. 549: 9.
2. Herman D., et al. (2006) Nature Chem. Biol. 10: 551.

Product Images

Chemical structure of BML-210 (SIH-348), a HDAC inhibitor. CAS #: 537034-17-6.
Molecular Formula: C₂₀H₂₅N₃O₂ . Molecular Weight: 339.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.