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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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J9

Glucocorticoid resistance inhibitor
Catalog No. SIH-182

Discovery through partnership | Excellence through quality

Overview

Product Name

J9

Description

Glucocorticoid resistance inhibitor

Purity

99.90%

Molecular Formula

CIIHIINI

Molecular Weight

212.26

Properties

Storage Temperature

-20ºC

Shipping Temperature

Blue Ice or 4ºC

Product Type

Inhibitor

Solubility

Soluble in CDCI3

Source

Synthetic

Appearance

White Solid

SMILES

NC1=NC(C2CC2)=C(C3=CC=NC=C3)C=N1

InChI

InChI=1S/C12H12N4/c13-12-15-7-10(8-3-5-14-6-4-8)11(16-12)9-1-2-9/h3-7,9H,1-2H2,(H2,13,15,16)

InChIKey

PQLYPFZAOUDDHB-UHFFFAOYSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.
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

Cite This Product

J9 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-182)

Biological Description

Alternative Names

4-cyclopropyl-5-(pyridin-4-yl)pyrimidin-2-amine

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

PMC4094258

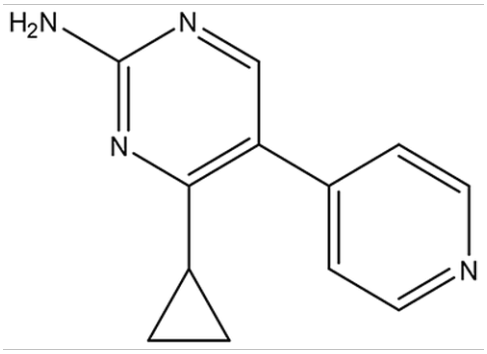
Scientific Background

J9, in combination with dexamethasone inhibits cell growth in T-cell acute lymphoblastic leukemia (T-ALL) through the upregulation of the glucocorticoid receptor. Patients can develop glucocorticoid resistance rendering the treatment ineffective. J9 and its mechanism of action provides a useful strategy for overcoming the resistance. The EC50 of J9 in combination with dexamethasone is 28 uM. J9 alone was less toxic.

References

1. Cantley A.M., et al. (2014) ACS Medicinal Chemistry Letters 5.7: 754-759.

Product Images



Chemical structure of J9 (SIH-182), a Glucocorticoid resistance inhibitor. CAS #: . Molecular Formula: C12H12N4. Molecular Weight: 212.26 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.