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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ZM447439

Aurora B kinase inhibitor
Catalog No. SIH-489



Discovery through partnership | Excellence through quality

Overview

Product Name

ZM447439

Description

Aurora B kinase inhibitor

Purity

>98% (TLC)

CAS No.

331771-20-1

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

513.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (25 mg/ml)

Source

Synthetic

Appearance

Orange solid

SMILES

COC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC=C(C=C3)NC(=O)C4=CC=CC=C4)OCCCN5CCOCC5

InChI

InChI=1S/C29H31N5O4/c1-36-26-18-24-25(19-27(26)38-15-5-12-34-13-16-37-17-14-34)30-20-31-28(24)32-22-8-10-23(11-9-22)33-29(35)

21-6-3-2-4-7-21/h2-4,6-11,18-20H,5,12-17H2,1H3,(H,33,35)(H,30,31,32)

InChIKey

OGNYUTNQZVRGMN-UHFFFAOYSA-N

Safety Phrases

Classification:

Not a hazardous substance or mixture.

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

ZM447439 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-489)

Biological Description

Alternative Names

ZM 447439, N-[4-[[6-Methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinazoliny]amino]phenyl]benzamide

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Cell Signaling, Tyrosine Kinase Inhibitors

PubChem ID

9914412

Scientific Background

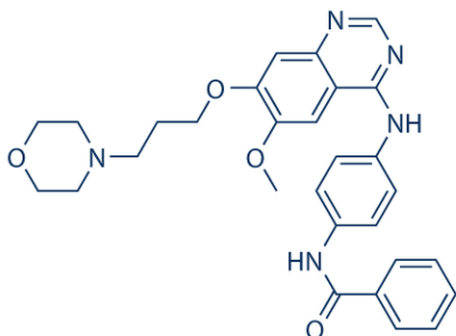
ZM447439 is a potent and selective inhibitor of Aurora B kinase. ZM447439 induces cell growth arrest mid-way through mitosis, and therefore effectively activates apoptosis.

References

1. Walsby E., Walsh V., Pepper C., Burnett A., & Mills K. (2008) Haematologica. 93(5): 662669.
2. Kim K.W., et al. (2007) Int. J. Rad.Oncol. Biol. Phy. 67(5): 15191525.

Product Images

Chemical structure of ZM447439 (SIH-489), a Aurora B kinase inhibitor. CAS #: 331771-20-1. Molecular Formula: C₂₉H₃₁N₅O₄. Molecular Weight: 513.6 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.