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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NVPBEZ235

PI 3-kinase inhibitor
Catalog No. SIH-465



Discovery through partnership | Excellence through quality

Overview

Product Name

NVPBEZ235

Description

PI 3-kinase inhibitor

Purity

>97%

CAS No.

915019-65-7

Molecular Formula

C11H11N1O

Molecular Weight

469.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in chloroform (1 mg/ml), 1-methyl-2-pyrrolidone (2 mg/ml at 75 °C), DMSO (1.33 mg/ml), and DMF (10 mg/ml at 75 °C)

Source

Synthetic

Appearance

Crystalline solid

SMILES

CC(C)(C#N)C1=CC=C(C=C1)N2C3=C4C=C(C=CC4=NC=C3N(C2=O)C)C5=CC6=CC=CC=C6N=C5

InChI

InChI=1S/C30H23N5O/c1-30(2,18-31)22-9-11-23(12-10-22)35-28-24-15-19(21-14-20-6-4-5-7-25(20)32-16-21)8-13-26(24)33-17-27(28)34(

3)29(35)36/h4-17H,1-3H3

InChIKey

JOGKUKXHTYWRGZ-UHFFFAOYSA-N

Safety Phrases

Classification:

Skin irritation (Category 2)

Eye irritation (Category 2)

Respiratory tract irritation (Category 3)

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:

H302+H312 Harmful if swallowed or in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

Precautionary statements:

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

P264 Wash hands thoroughly after handling.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container to an approved waste disposal plant.

Cite This Product

NVPBEZ235 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-465)

Biological Description

Alternative Names

4-[2,3-dihydro-3-methyl-2-oxo-8-(3-quinolinyl)-1H-imidazo[4,5-c]quinolin-1-yl]-N,N-dimethylbenzeneacetonitrile

Research Areas

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

PubChem ID

11977753

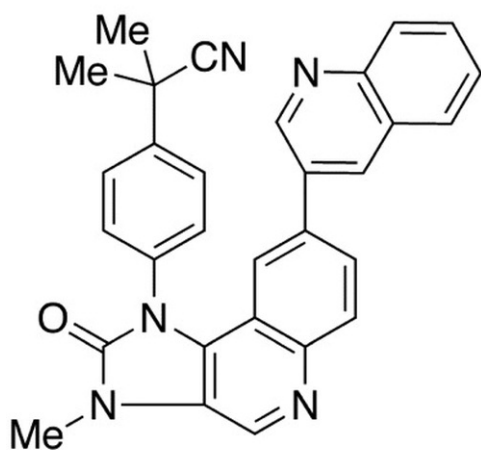
Scientific Background

NVPBEZ235 is a specific PI 3-kinase (PI3K) tyrosine kinase inhibitor, which shows dual PI3K/mTOR inhibition. NVPBEZ235 has also been shown to inhibit ATR. It has demonstrated antiproliferative activity against tumor cell lines in animal models of cancer.

References

1. Yasumizu Y., et al. (2014) J. Urology. 191(1): 227234.
2. Shortt J., et al. (2013) Blood. 121(15): 29642974.

Product Images



Chemical structure of NVPBEZ235 (SIH-465), a PI 3-kinase inhibitor. CAS #: 915019-65-7. Molecular Formula: C₃₀H₂₃N₅O. Molecular Weight: 469.5 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.