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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Axitinib

VEGFR kinase inhibitor
Catalog No. SIH-494



Discovery through partnership | Excellence through quality

Overview

Product Name

Axitinib

Description

VEGFR kinase inhibitor

Purity

>98% (HPLC)

CAS No.

319460-85-0

Molecular Formula

C₁₁H₁₁N₃O₂S

Molecular Weight

386.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 25 mM in DMSO

Source

Synthetic

Appearance

White to tan powder

SMILES

CNC(=O)C1=CC=CC=C1SC2=CC3=C(C=C2)C(=NN3)/C=C/C4=CC=CC=N4

InChI

InChI=1S/C22H18N4O2S/c1-23-22(27)18-7-2-3-8-21(18)28-16-10-11-17-19(25-26-20(17)14-16)12-9-15-6-4-5-13-24-15/h2-14H,1H3,(H,23,

27)(H,25,26)/b12-9+

InChIKey

RITAVMQDGBJQZ-FMIVXFBMSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 4), H302

Acute aquatic toxicity (Category 1), H400

Chronic aquatic toxicity (Category 1), H410

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 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects

Precautionary statements:

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

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

P330 Rinse mouth.

P391 Collect spillage.

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

Cite This Product

Axitinib (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-494)

Biological Description

Alternative Names

AG-013736, N-Methyl-2-((3-((1E)-2-(pyridin-2-yl)ethenyl)-1H-indazol-6-yl)sulfanyl)benzamide, N-Methyl-[[3[(1E)-2-(2-pyridinyl)ethenyl]-1H-indazol-6-yl]thio]-benzamide

Research Areas

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

PubChem ID

6450551

Scientific Background

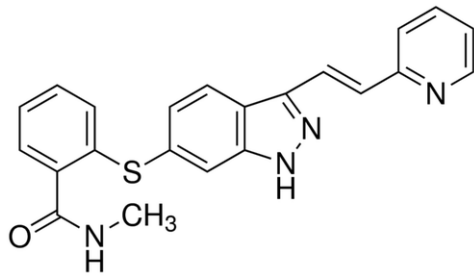
Axitinib is a potent and selective tyrosine kinase inhibitor that blocks VEGF receptors 1, 2 and 3. It has also been shown to inhibit PDGFR- α and c-Kit.

References

1. Hu-Lowe D.D., et al. (2008) Clin. Cancer Res: J. Am. Ass. Cancer Res. 14(22): 7272-7283.

Product Images

Chemical structure of Axitinib (SIH-494), a VEGFR kinase inhibitor. CAS #: 319460-85-0. Molecular Formula: C₂₂H₁₈N₄O₂S. Molecular Weight: 386.5 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.