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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Vatalanib Dihydrochloride

VEGFRK inhibitor
Catalog No. SIH-484



Discovery through partnership | Excellence through quality

Overview

Product Name

Vatalanib Dihydrochloride

Description

VEGFRK inhibitor

Purity

96%

CAS No.

212141-51-0

Molecular Formula

C₁₇H₁₄Cl₂N₂

Molecular Weight

419.7

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (30 mg/ml), ethanol (10 mg/ml) with warming; very poorly soluble in water; maximum solubility in plain water is estimated to be about 10-20 µM; buffers, serum, or other additives may increase or decrease the aqueous solubility. Also soluble in methanol, and water (?10 mg/ml)

Source

Synthetic

Appearance

Solid

SMILES

C1=CC=C2C(=C1)C(=NN=C2NC3=CC=C(C=C3)Cl)CC4=CC=NC=C4.Cl.Cl

InChI

InChI=1S/C20H15ClN4.2ClH/c21-15-5-7-16(8-6-15)23-20-18-4-2-1-3-17(18)19(24-25-20)13-14-9-11-22-12-10-14;;/h1-12H,13H2,(H,23,25);2*1H

InChIKey

AZUQEHCMDUSRLH-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

Vatalanib Dihydrochloride (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-484)

Biological Description

Alternative Names

N-(4-Chlorophenyl)-4-(4-pyridinylmethyl)-1-phthalazinamine dihydrochloride

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Cardiovascular System, Cell Signaling, Growth Factor Receptor Inhibitors

PubChem ID

22386467

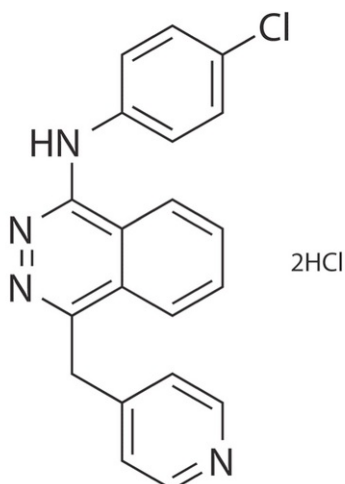
Scientific Background

Vatalanib Dihydrochloride is an inhibitor of Flk, c-Kit and PDGFR-?. It has been shown to inhibit VEGFR-dependent tumor angiogenesis and EGFR- and RET-dependent tumor cell proliferation and survival.

References

1. Herbst R.S., Heymach J.V., O'Reilly M. S., Onn A., & Ryan A.J. (2007) Expert Opin. Invest. Drugs. 16(2): 239249.

Product Images



Chemical structure of Vatalanib Dihydrochloride (SIH-484), a VEGFRK inhibitor. CAS #: 212141-51-0. Molecular Formula: C₂₀H₁₇Cl₃N₄. Molecular Weight: 419.7 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.