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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WHI P131

JAK3 kinase inhibitor
Catalog No. SIH-485



Discovery through partnership | Excellence through quality

Overview

Product Name

WHI P131

Description

JAK3 kinase inhibitor

Purity

>98%

CAS No.

202475-60-3

Molecular Formula

C₁₁H₁₁N₃O

Molecular Weight

297.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (~1 mg/ml), and DMF (~1 mg/ml)

Source

Synthetic

Appearance

White to off-white solid

SMILES

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

InChI

InChI=1S/C₁₆H₁₅N₃O₃/c1-21-14-7-12-13(8-15(14)22-2)17-9-18-16(12)19-10-3-5-11(20)6-4-10/h3-9,20H,1-2H3,(H,17,18,19)

InChIKey

HOZUXBLMYUPGPZ-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

WHI P131 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-485)

Biological Description

Alternative Names

WHI-P131, Janex 1, 4-[[6,7-dimethoxy-4-quinazolinyl]amino]-phenol

Research Areas

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

PubChem ID

3794

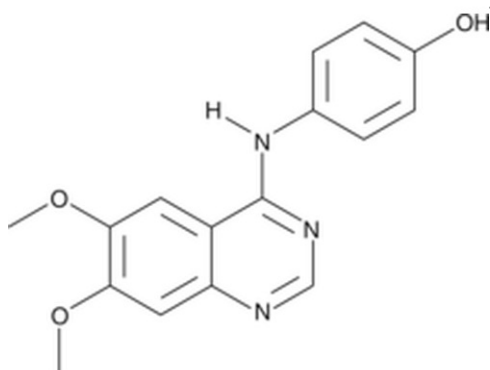
Scientific Background

WHI P131 also known as Janex-1, is a reversible, potent, and specific inhibitor of JAK3. WHI P131 is cell permeable. It has been seen to inhibit glioblastoma cell adhesion and migration, as well as, thrombin-induced platelet aggregation.

References

1. Sudbeck E.A., et al. (1999) Clin. Cancer Res: J. Am. Asso. Cancer Res. 5(6): 15691582.

Product Images



Chemical structure of WHI P131 (SIH-485), a JAK3 kinase inhibitor. CAS #: 202475-60-3. Molecular Formula: C₁₆H₁₅N₃O₃. Molecular Weight: 297.3 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.