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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SB202190

p38 MAP kinase inhibitor
Catalog No. SIH-473



Discovery through partnership | Excellence through quality

Overview

Product Name

SB202190

Description

p38 MAP kinase inhibitor

Purity

>98% (TLC)

CAS No.

152121-30-7

Molecular Formula

C11H11FN3O

Molecular Weight

331.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in methanol, DMSO or acetone; slightly soluble in ethyl acetate

Source

Synthetic

Appearance

Pale yellow solid

SMILES

C4=C(C1=C(NC(N1)=C2C=CC(=O)C=C2)C3=CC=NC=C3)C=CC(=C4)F

InChI

InChI=1S/C20H14FN3O/c21-16-5-1-13(2-6-16)18-19(14-9-11-22-12-10-14)24-20(23-18)15-3-7-17(25)8-4-15/h1-12,23-24H

InChIKey

NJNKPVPFGLGHPA-UHFFFAOYSA-N

Safety Phrases

Classification:

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335

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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements:

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

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well - ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

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.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

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

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

P362 Take off contaminated clothing and wash before reuse.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

Cite This Product

SB202190 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-473)

Biological Description

Alternative Names

FHPI, 4-(4-Fluorophenyl)-2-(4-hydroxyphenyl)-5-(4-pyridyl)-1H-imidazole

Research Areas

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

PubChem ID

5353940

Scientific Background

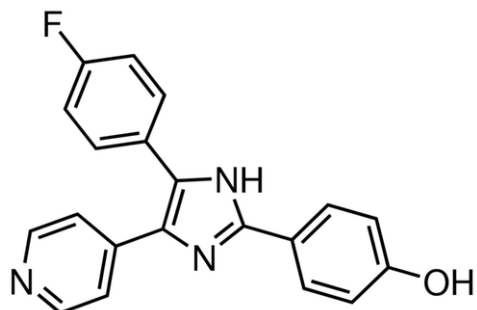
SB202190 is a highly selective and potent inhibitor of p38 MAP kinase. Specifically, it binds within the ATP pocket of the active kinase and selectively inhibits the p38 α and β isoforms. It has been shown to induce apoptosis. SB202190 is cell-permeable.

References

1. Nemoto S., Xiang J., Huang S., & Lin A. (1998) J. Bio. Chem. 273(26): 1641516420.
2. Karahashi H., Nagata K., Ishii K., & Amano F. (2000) Biochimica Et Biophysica Acta. 1502(2): 207223.

Product Images

Chemical structure of SB202190 (SIH-473), a p38 MAP kinase inhibitor. CAS #: 152121-30-7. Molecular Formula: C₂₀H₁₄FN₃O. Molecular Weight: 331.3 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.