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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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JX 401

p38 MAP kinase inhibitor
Catalog No. SIH-454



Discovery through partnership | Excellence through quality

Overview

Product Name

JX 401

Description

p38 MAP kinase inhibitor

Purity

>98% (TLC)

CAS No.

349087-34-9

Molecular Formula

C11H11NO1S

Molecular Weight

355.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (20 mg/ml) or ethanol (10 mg/ml)

Source

Synthetic

Appearance

Off-white solid

SMILES

COC1=C(C=CC(=C1)SC)C(=O)N2CCC(CC2)CC3=CC=CC=C3

InChI

InChI=1S/C21H25NO2S/c1-24-20-15-18(25-2)8-9-19(20)21(23)22-12-10-17(11-13-22)14-16-6-4-3-5-7-16/h3-9,15,17H,10-14H2,1-2H3

InChIKey

OMGLGPKQUFSRNN-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

JX 401 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-454)

Biological Description

Alternative Names

1-[2-Methoxy-4-(methylthio)benzoyl]-4-(phenylmethyl)piperidine

Research Areas

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

PubChem ID

1126109

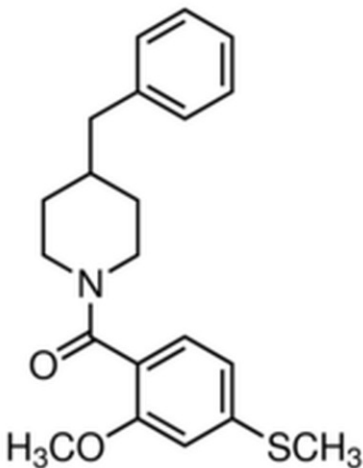
Scientific Background

JX 401 is a potent and reversible inhibitor of p38 β . Specifically, it binds MAPK p38 β . JX 401 is cell permeable.

References

1. Friedmann Y., et al. (2006) Mol. Pharm. 70(4): 13951405.

Product Images



Chemical structure of JX 401 (SIH-454), a p38 α MAP kinase inhibitor. CAS #: 349087-34-9. Molecular Formula: C₂₁H₂₅NO₂S. Molecular Weight: 355.5 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.