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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SC 514

IKK-2 kinase inhibitor
Catalog No. SIH-475



Discovery through partnership | Excellence through quality

Overview

Product Name

SC 514

Description

IKK-2 kinase inhibitor

Purity

>98% (TLC)

CAS No.

354812-17-2

Molecular Formula

CHINIOSI

Molecular Weight

224.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (>25 mg/ml)

Source

Synthetic

Appearance

Yellow solid

SMILES

C1=CSC=C1C2=CC(=C(S2)C(=O)N)N

InChI

InChI=1S/C9H8N2O2/c10-6-3-7(5-1-2-13-4-5)14-8(6)9(11)12/h1-4H,10H2,(H2,11,12)

InChIKey

BMUACLADCKCNKZ-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 3)

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:

H301 Toxic if swallowed

Precautionary statements:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician

Cite This Product

SC 514 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-475)

Biological Description

Alternative Names

4-Amino-[2',3'-bithiophene]-5-carboxamide

Research Areas

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

PubChem ID

2807869

Scientific Background

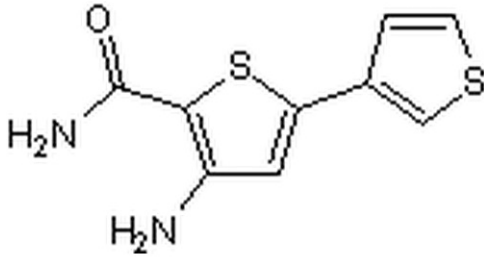
SC 514 is a selective and reversible inhibitor of I β B kinase 2 / IKK γ (IKK-2). It has been shown to displays > 10-fold selectivity over 28 other kinases including JNK, p38, MK2 and ERK. SC-514 exhibits anti-inflammatory properties. SC 514 is cell permeable.

References

1. Kishore N., et al. (2003) J. Biol. Chem. 278(35): 3286132871.
 2. Baxter A., et al. (2004) Bioorganic Med. Chem. Letters. 14(11): 28172822.
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Product Images

Chemical structure of SC 514 (SIH-475), a IKK-2 kinase inhibitor. CAS #: 354812-17-2.
Molecular Formula: C₉H₈N₂O₂S₂. Molecular Weight: 224.3 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.