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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Indirubin-3'-Monoxime

GSK, CDK kinase inhibitor
Catalog No. SIH-502



Discovery through partnership | Excellence through quality

Overview

Product Name

Indirubin-3'-monoxime

Description

GSK, CDK kinase inhibitor

Purity

>98% (HPLC)

CAS No.

160807-49-8

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

277.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO and to 100 mM in ethanol

Source

Synthetic

Appearance

Red solid

SMILES

O=C2/N=C1/C=CC=C/C1=C2c4c(NO)c3ccccc3n4

InChI

InChI=1S/C16H11N3O2/c20-16-13(9-5-1-3-7-11(9)18-16)15-14(19-21)10-6-2-4-8-12(10)17-15/h1-8,17,19,21H

InChIKey

LDEWQRSYYHTQRA-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

Indirubin-3'-monoxime (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-502)

Biological Description

Alternative Names

Indirubin-3'-monoxime, 3-[1,3-Dihydro-3-(hydroxyimino)-2H-indol-2-ylidene]-1,3-dihydro-2H-indol-2-one, Indirubin-3?-oxime

Research Areas

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

PubChem ID

5326739

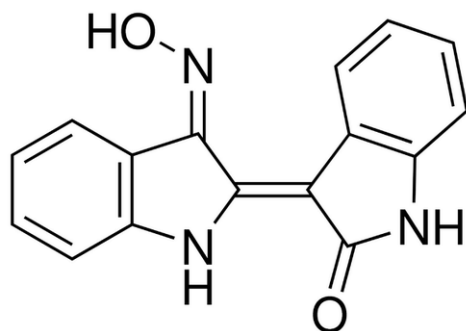
Scientific Background

Indirubin-3'-monoxime is an inhibitor of protein kinases and cyclin-dependent kinases. Specifically, it is a potent inhibitor of glycogen synthase kinase-3? (GSK-3?).

References

1. Damiens E., Baratte B., Marie D., Eisenbrand G., & Meijer L. (2001) *Oncogene*. 20(29): 37863797.

Product Images



Chemical structure of Indirubin-3'-monoxime (SIH-502), a GSK-3b and CDK kinase inhibitor. CAS #: 160807-49-8. Molecular Formula: C₁₆H₁₁N₃O₂. Molecular Weight: 277.3 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.