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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BAY 11 7082

IKK kinase inhibitor
Catalog No. SIH-434



Discovery through partnership | Excellence through quality

Overview

Product Name

BAY 11 7082

Description

IKK kinase inhibitor

Purity

>98% (HPLC)

CAS No.

19542-67-7

Molecular Formula

C11H11NO5

Molecular Weight

207.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 25 mM in ethanol and to 100 mM in DMSO

Source

Synthetic

Appearance

White solid

SMILES

C1=C([S](=O)(=O)C=CC#N)C=CC(=C1)C

InChI

InChI=1S/C10H9NO2S/c1-9-3-5-10(6-4-9)14(12,13)8-2-7-11/h2-6,8H,1H3/b8-2+

InChIKey

DOEWDSDBFRHVAP-KRXBUXKQSA-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

BAY 11 7082 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-434)

Biological Description

Alternative Names

Bay 11-7821, (E)-3-(4-Methylphenylsulfonyl)-2-propenenitrile

Research Areas

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

PubChem ID

5353431

Scientific Background

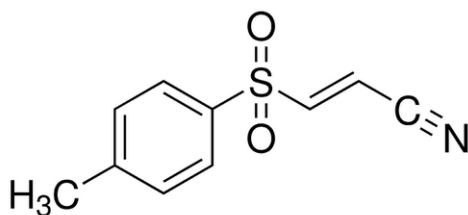
BAY 11 7082 inhibits cytokine induced I β B γ phosphorylation and indirectly decreases NF- κ B activity. It is also an E2 ubiquitin (Ub) conjugating enzyme inhibitor. BAY 11 7082 can also induce apoptosis.

References

1. Mori N., et al. (2002) Blood 100(5): 18281834.
2. Pierce J.W., et al. (1997) J.Biol.Chem. 272(34): 2109621103.

Product Images

Chemical structure of BAY 11 7082 (SIH-434), a IKK kinase inhibitor. CAS #: 19542-67-7. Molecular Formula: C₁₀H₉NO₂S. Molecular Weight: 207.3 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.