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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Midostaurin

Kinase inhibitor
Catalog No. SIH-468



Discovery through partnership | Excellence through quality

Overview

Product Name

Midostaurin

Description

Kinase inhibitor

Purity

>98% (TLC)

CAS No.

120685-11-2

Molecular Formula

C₁₇H₁₅N₂O₂

Molecular Weight

570.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (15 mg/ml), MDC (10 mg/ml), methanol (5 mg/ml) or 100% ethanol (2.5 mg/ml)

Source

Synthetic

Appearance

White to off-white powder

SMILES

[N]48C1=C(C7=C(C2=C1[N](C3=CC=CC=C23)[C@@H]5O[C@]4([C@@]([C@@H]5N(C)C(=O)C6=CC=CC=C6)(OC)C)C(NC7)=O)C9=C8C=CC=C9

InChI

InChI=1S/C35H30N4O4/c1-35-32(42-3)25(37(2)34(41)19-11-5-4-6-12-19)17-26(43-35)38-23-15-9-7-13-20(23)28-29-22(18-36-33(29)40)27-21-14-8-10-16-24(21)39(35)31(27)30(28)38/h4-16,25-26,32H,17-18H2,1-3H3,(

InChIKey

BMGQWWVMWDBQGC-PZFYLCKJSA-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

Midostaurin (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-468)

Biological Description

Alternative Names

4-N-Benzoyl-staurosporine, PKC-412, CGP 41251

Research Areas

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

PubChem ID

24202429

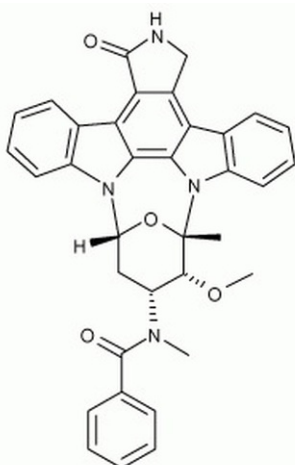
Scientific Background

Midostaurin is a broad spectrum protein kinase inhibitor. It also shows inhibition of PKC α , PKC β and PKC γ isoforms, Flk, and c-kit. Midostaurin displays antiproliferative characteristics and the ability to induce apoptosis.

References

1. Fabbro D., et al. (2000) *Anti-Cancer Drug Design*. 15(1): 1728.
2. Odgerel, T., et al. (2008) *Oncogene*. 27(22): 31023110.
3. Bahlis, N.J., et al. (2005) *Leukemia & Lymphoma*. 46(6): 899908.

Product Images



Chemical structure of Midostaurin (SIH-468), a Protein kinase inhibitor (pan spec.).
CAS #: 120685-11-2. Molecular Formula: C₃₅H₃₀N₄O₄. Molecular Weight: 570.6 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.