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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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K252A

Kinase inhibitor
Catalog No. SIH-455



Discovery through partnership | Excellence through quality

Overview

Product Name

K252A

Description

Kinase inhibitor

Purity

>98% (HPLC)

CAS No.

99533-80-9

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

467.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 25 mM in DMSO

Source

Nonomurea longicatena

Appearance

White solid

SMILES

[N]47C1=C(C6=C(C2=C1[N](C3=CC=CC=C23)[C@@H]5O[C@]4(C(C5)O)C(=O)OC)C(NC6=O)C8=C7C=CC=C8

InChI

InChI=1S/C27H21N3O5/c1-26-27(33,25(32)34-2)11-18(35-26)29-16-9-5-3-7-13(16)20-21-15(12-28-24(21)31)19-14-8-4-6-10-17(14)30(26)

InChIKey

KOZFSFOOLUJIGY-CYBHFQVSA-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

K252A (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-455)

Biological Description

Alternative Names

(9S,10R,12R)-2,3,9,10,11,12-Hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1H-diindolo[1,2,3-fg:3',2',1'-kl]pyrrolo[3,4-i][1,6]benzodiazocine-10-carboxylic acid methyl ester

Research Areas

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

PubChem ID

11612445

Scientific Background

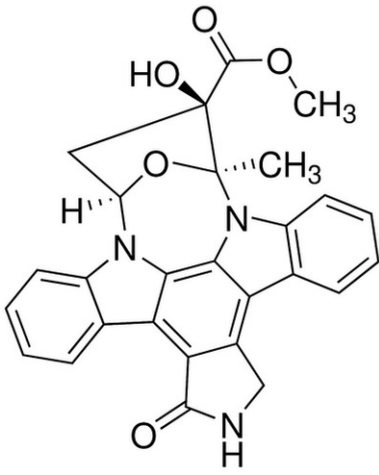
K252A is a non-selective protein kinase inhibitor that exhibits a wide range of effects. Specifically, it has been seen to inhibit PKA, PKC, PKG, CAM kinase II, mlCK, Ser/Thr kinase, Met, and receptor tyrosine kinases. It has been shown to prevent autophosphorylation and activation of downstream effectors.

References

1. Morotti A., Mila S., Accorner, P., Tagliabue E., & Ponzetto C. (2002) *Oncogene*. 21(32): 48854893.
 2. Hashimoto Y., et al. (1991) *Biochem. Biophys. Res. Comm.* 181(1): 423429.
 3. Raychaudhuri S.P., Sanyal M., Weltman H., & Kundu-Raychaudhuri S. (2004) *J. Invest. Derm.* 122(3): 812819.
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Product Images

Chemical structure of K252A (SIH-455), a Kinase inhibitor (pan-specific). CAS #: 99533-80-9. Molecular Formula: C₂₇H₂₁N₃O₅. Molecular Weight: 467.5 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.