



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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K252B

Kinase inhibitor  
Catalog No. SIH-456



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

K252B

### Description

Kinase inhibitor

### Purity

>98% (HPLC)

### CAS No.

99570-78-2

### Molecular Formula

C11H11NO1

### Molecular Weight

453.5

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO (1 mg/ml) or dimethyl formamide (1 mg/ml)

### Source

Synthetic

### Appearance

White solid

### SMILES

C[C@]12[C@@](C[C@H](O1)N3C4=CC=CC=C4C5=C6C(=C7C8=CC=CC=C8N2C7=C53)CNC6=O)(C(=O)O)O

### InChI

InChI=1S/C26H19N3O5/c1-25-26(33,24(31)32)10-17(34-25)28-15-8-4-2-6-12(15)19-20-14(11-27-23(20)30)18-13-7-3-5-9-16(13)29(25)22(1

8)21(19)28/h2-9,17,33H,10-11H2,1H3,(H,27,30)(H,31,32)/t17-,25+,26+/m1/s1

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### InChIKey

AMSOPBXQXSAAAC-PLZPTFKGSA-N

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### Safety Phrases

Classification:

Flammable liquids (Category 4), H227

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:

H227 Combustible liquid

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol - resistant foam for extinction.

P403 + P235 Store in a well - ventilated place. Keep cool.

P501 Dispose of contents/ container to an approved waste disposal plant

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### Cite This Product

K252B (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-456)

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## Biological Description

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### Alternative Names

(9S,710R,712R)-2,73,79,710,711,712-hexahydro-710-hydroxy-79-methyl-71-oxo-79,712-epoxy-71H-7diindolo[1,2,73-fg:3',72',71'-?k]pyrrolo[3,74-i][1,76]benzodiazocine-710-carboxylic acid

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### Research Areas

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

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### PubChem ID

9981344

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### Scientific Background

K252B is a non-selective, protein kinase inhibitor. It inhibits CaMKII, MYLK, PKA, PKC, and cGKI. It acts by binding to the ATP binding domain of the kinase. K252B is cell permeable.

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### References

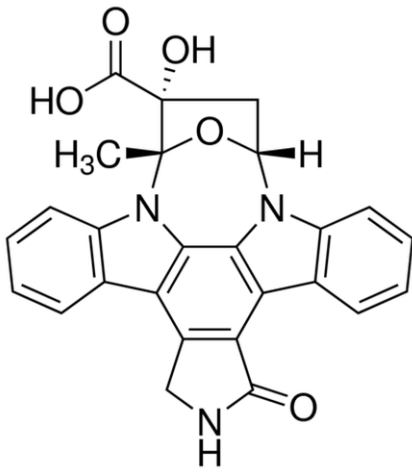
1. Nakanishi S., Matsuda Y., Iwahashi K., & Kase H. (1986) J. Antibiotics 39(8): 10661071.
2. Teshima R., et al. (1997) J. Immun. 159(2): 964969.
3. Knüsel B., et al. (1992) J. Neurochem. 59(2): 715722.

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## Product Images

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Chemical structure of K252B (SIH-456), a Kinase inhibitor (pan-specific). CAS #: 99570-78-2. Molecular Formula: C<sub>26</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>. Molecular Weight: 453.5 g/mol.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.