



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SB216763

GSK-3 kinase inhibitor
Catalog No. SIH-510



Discovery through partnership | Excellence through quality

Overview

Product Name

SB216763

Description

GSK-3 kinase inhibitor

Purity

>98% (TLC)

CAS No.

280744-09-4

Molecular Formula

C₁₁H₁₁Cl₂N₂O₂

Molecular Weight

371.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (>25 mg/ml)

Source

Synthetic

Appearance

Orange solid

SMILES

CN1C=C(C2=CC=CC=C2)C3=C(C(=O)NC3=O)C4=C(C=C(C=C4)Cl)Cl

InChI

InChI=1S/C19H12Cl2N2O2/c1-23-9-13(11-4-2-3-5-15(11)23)17-16(18(24)22-19(17)25)12-7-6-10(20)8-14(12)21/h2-9H,1H3,(H,22,24,25)

InChIKey

JCSGFHVFHSKIJH-UHFFFAOYSA-N

Safety Phrases

Classification:

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335

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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

Cite This Product

SB216763 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-510)

Biological Description

Alternative Names

SB 216763, 3-(2,4-Dichlorophenyl)-4-(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione

Research Areas

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

PubChem ID

176158

Scientific Background

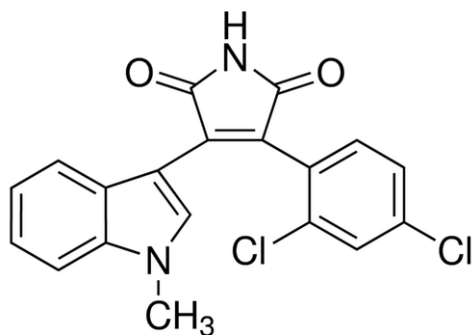
SB216763 is a potent and selective glycogen synthase kinase-3 (GSK-3) inhibitor. It inhibits both human GSK-3 α and GSK-3 β . SB216763 has been shown to stimulate glycogen synthesis in human liver cells and mimic other actions of insulin. SB216763 is cell-permeable and ATP-competitive.

References

1. Culbert A.A., et al. (2001) FEBS Letters. 507(3): 288294.
2. Coghlan M.P., et al. (2000) Chem. Biol. 7(10): 793803.

Product Images

Chemical structure of SB216763 (SIH-510), a GSK-3 kinase inhibitor. CAS #: 280744-09-4. Molecular Formula: C₁₉H₁₂Cl₂N₂O₂. Molecular Weight: 371.2 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.