



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) 

GSK690693 Hydrochloride

AKT kinase inhibitor
Catalog No. SIH-448



Discovery through partnership | Excellence through quality

Overview

Product Name

GSK690693 Hydrochloride

Description

AKT kinase inhibitor

Purity

>98% (HPLC)

CAS No.

937174-76-0

Molecular Formula

C₁₁H₁₁N₃O₃

Molecular Weight

425.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 50 mM in DMSO

Source

Synthetic

Appearance

White to beige solid

SMILES

CCN1C2=C(C(=NC=C2OC[C@H]3CCCN3)C#CC(C)(C)O)N=C1C4=NON=C4N

InChI

InChI=1S/C₂₁H₂₇N₇O₃/c1-4-28-18-15(30-12-13-6-5-9-23-10-13)11-24-14(7-8-21(2,3)29)16(18)25-20(28)17-19(22)27-31-26-17/h11,13,23,

InChIKey

KGPGFQWBCSZGEL-ZDUSSCGKSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 3)

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:

H301 Toxic if swallowed.

Precautionary statements:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

Cite This Product

GSK690693 Hydrochloride (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-448)

Biological Description

Alternative Names

4-[2-(4-Amino-1,2,5-oxadiazol-3-yl)-1-ethyl-7-[(3S)-3-piperidinylmethoxy]-1H-imidazo[4,5-c]pyridin-4-yl]-2-methyl-3-butyn-2-ol

Research Areas

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

PubChem ID

16725726

Scientific Background

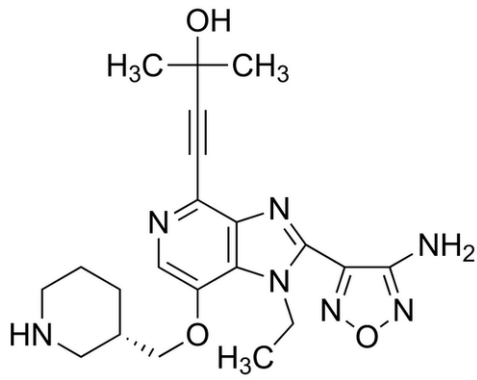
GSK690693 Hydrochloride is an ATP-competitive pan-Akt kinase inhibitor. It is derived from aminofurazan. It has shown to produce antiproliferative and apoptotic effects in tumor cell lines.

References

1. Heerding D.A., et al. (2008) J. Med. Chem. 51(18): 56635679.
 2. Rhodes N., et al. (2008) Cancer Res. 68(7): 23662374.
-

Product Images

Chemical structure of GSK690693 Hydrochloride (SIH-448), a AKT kinase inhibitor.
CAS #: 937174-76-0. Molecular Formula: C₂₁H₂₇N₇O₃. Molecular Weight: 425.5 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.