



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) 

Dorsomorphin

AMPK kinase inhibitor
Catalog No. SIH-443



Discovery through partnership | Excellence through quality

Overview

Product Name

Dorsomorphin

Description

AMPK kinase inhibitor

Purity

>98% (HPLC)

CAS No.

866405-64-3

Molecular Formula

C11H11N1O

Molecular Weight

399.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (4 mg/ml, warm)

Source

Synthetic

Appearance

Yellow solid

SMILES

C1CCN(CC1)CCOC2=CC=C(C=C2)C3=CN4C(=C(C=N4)C5=CC=NC=C5)N=C3

InChI

InChI=1S/C24H25N5O/c1-2-12-28(13-3-1)14-15-30-22-6-4-19(5-7-22)21-16-26-24-23(17-27-29(24)18-21)20-8-10-25-11-9-20/h4-11,16-1

8H,1-3,12-15H2

InChIKey

XHBVYDAKJHETMP-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Acute toxicity, Dermal (Category 4), H312

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:

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

Precautionary statements:

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

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P280 Wear protective gloves/ protective clothing.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

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.

Cite This Product

Dorsomorphin (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-443)

Biological Description

Alternative Names

AMPK Inhibitor, Compound C, 6-[4-(2-Piperidin-1-ylethoxy)phenyl]-3-pyridin-4-ylpyrazolo[1,5-a]pyrimidine

Research Areas

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

PubChem ID

11524144

Scientific Background

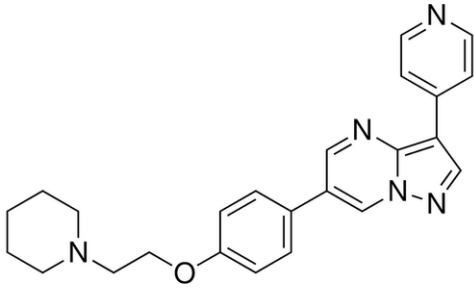
Dorsomorphin is a potent and selective and reversible inhibitor of AMP-kinase, doing so in an ATP-competitive manner. It is also a selective inhibitor of Bone morphogenetic protein (BMP) signaling.

References

1. Vucicevic L., et al. (2011) Autophagy 7(1): 4050.
 2. Yu P.B., et al. (2008). Nat. Chem. Biol. 4(1): 3341.
-

Product Images

Chemical structure of Dorsomorphin (SIH-443), a AMPK kinase inhibitor. CAS #: 866405-64-3. Molecular Formula: C₂₄H₂₅N₅O. Molecular Weight: 399.5 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.