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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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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) 

PX 866

PI 3-Kinase inhibitor
Catalog No. SIH-471



Discovery through partnership | Excellence through quality

Overview

Product Name

PX 866

Description

PI 3-Kinase inhibitor

Purity

>98%

CAS No.

502632-66-8

Molecular Formula

C11H11NO1

Molecular Weight

525.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO at 200 mg/ml; soluble in ethanol at 200 mg/ml; very poorly soluble in water

Source

Synthetic

Appearance

Crystalline solid

SMILES

CC(=O)O[C@@H]1C[C@]2([C@@H](CCC2=O)C3=C1[C@]4([C@H](OC(=O)/C(=C/N(CC=C)CC=C)/C4=C(C3=O)O)COC)C

InChI

InChI=1S/C29H35NO8/c1-7-11-30(12-8-2)14-17-23-26(34)25(33)22-18-9-10-20(32)28(18,4)13-19(37-16(3)31)24(22)29(23,5)21(15-36-6)38-

InChIKey

QIUASFSNWYMDFS-NILGECQDSA-N

Safety Phrases

Classification:

Acute Toxicity: Inhalation, Category 4

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2

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:

H332: Harmful if inhaled.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary statements:

P261: Avoid breathing {dust/fume/gas/mist/vapours/spray}.

P264: Wash {hands} thoroughly after handling.

P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

P362+364: Take off contaminated clothing and wash it before reuse.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a {POISON CENTER/doctor/...} if you feel unwell.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment {see ... on this label}.

P332+313: If skin irritation occurs, get medical advice/attention.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists, get medical advice/attention.

Cite This Product

PX 866 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-471)

Biological Description

Alternative Names

(1E,?4S,?4aR,?5R,?6aS,?9aR)-?5-(acetyloxy)-?1-?[(di-?2-?propen-?1-?ylamino)methylene]-?4,?4a,?5,?6,?6a,?8,?9,?9a-?octahydro-?11-?hydroxy-?4-?(methoxymethyl)-?4a,?6a-?dimethyl-?cyclopenta[5,?6]naphtho[1,?2-?c]pyran-?2,?7,?10(1H)-?trione

Research Areas

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

PubChem ID

9849735

Scientific Background

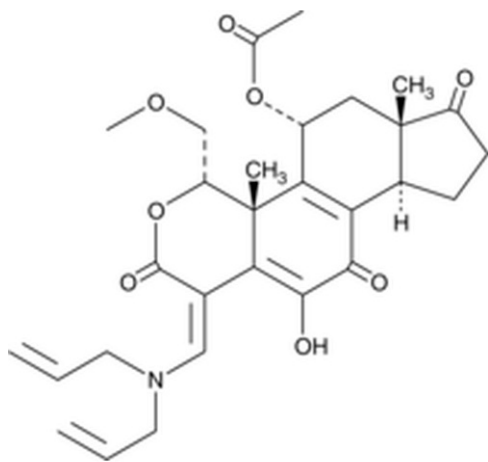
PX 866 is a wortmannin derivative that inhibits purified phosphoinositide (PtdIns)-3-kinase and. PX 866 has been shown to inhibit

tumor growth by blocking the PI 3-kinase pathway and cell motility.

References

1. Ihle N.T., et al. (2004). Mol. Cancer. Ther. 3(7): 763772.
2. Gwak H.S., et al. (2011). Int. J. Cancer. 128(4): 787796.

Product Images



Chemical structure of PX 866 (SIH-471), a PI 3-Kinase inhibitor. CAS #: 502632-66-8.
Molecular Formula: C₂₉H₃₅NO₈. Molecular Weight: 525.6 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.