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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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) 

Src I1

Src kinase inhibitor
Catalog No. SIH-478



Discovery through partnership | Excellence through quality

Overview

Product Name

Src I1

Description

Src kinase inhibitor

Purity

>98% (TLC)

CAS No.

179248-59-0

Molecular Formula

C11H11N1O1

Molecular Weight

373.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (5 mg/ml)

Source

Synthetic

Appearance

Off-white solid

SMILES

COC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC=C(C=C3)OC4=CC=CC=C4)OC

InChI

InChI=1S/C22H19N3O3/c1-26-20-12-18-19(13-21(20)27-2)23-14-24-22(18)25-15-8-10-17(11-9-15)28-16-6-4-3-5-7-16/h3-14H,1-2H3,(H,2

3,24,25)

InChIKey

DMWVGXGXHPOEPT-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

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

Chronic aquatic toxicity (Category 4), H413

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

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H413

May cause long lasting harmful effects to aquatic life.

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.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

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.

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).

P330 Rinse mouth.

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

Src I1 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-478)

Biological Description

Alternative Names

6,7-Dimethoxy-N-(4-phenoxyphenyl)-4-quinazolinamine, SKI-1, Src Inhibitor-1

Research Areas

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

PubChem ID

1474853

Scientific Background

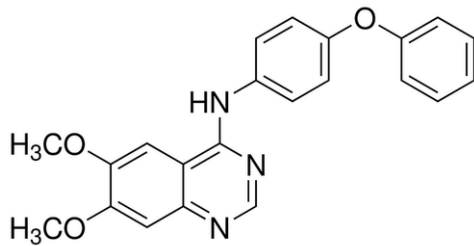
Src11 is a potent and competitive dual site Src kinase inhibitor. It has been shown as a potent inhibitor of the Src and Lck kinase, as well as, VEGFR2 and c-fms. Src11 is cell permeable and can induce apoptosis.

References

1. Bain, J., et al. (2007) *Biochem. J.* 408(3): 297315.
 2. Leung, E. L.H., et al. (2009) *Mol. Cancer. Res: MCR.* 7(6): 923932.
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Product Images

Chemical structure of Src 11 (SIH-478), a Src kinase inhibitor. CAS #: 179248-59-0.
Molecular Formula: C₂₂H₁₉N₃O₃. Molecular Weight: 373.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.