



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

SU 4312

VEGFR, PDGFR kinase inhibitor  
Catalog No. SIH-481



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

SU 4312

### Description

VEGFR, PDGFR kinase inhibitor

### Purity

>98% (HPLC)

### CAS No.

07-07-12

### Molecular Formula

C11H11N1O

### Molecular Weight

264.3

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO (25 mg/ml)

### Source

Synthetic

### Appearance

Orange solid

### SMILES

C1=CC=CC3=C1C(=C/C2=CC=C(N(C)C)C=C2)/C(=O)N3

### InChI

InChI=1S/C17H16N2O/c1-19(2)13-9-7-12(8-10-13)11-15-14-5-3-4-6-16(14)18-17(15)20/h3-11H,1-2H3,(H,18,20)/b15-11-

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## InChIKey

UAKWLVYMKBWHMX-PTNGSMBKSA-N

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## Safety Phrases

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### 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.

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## Cite This Product

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SU 4312 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-481)

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## Biological Description

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### Alternative Names

3-[[4-(dimethylamino)phenyl]methylene]-1,3-dihydro-2H-indol-2-one

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### Research Areas

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

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### PubChem ID

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6450842

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### Scientific Background

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SU 4312 is a potent and selective inhibitor of VEGFR and PDGFR tyrosine kinases, including VEGFR-2 (Flk-1, KDR).

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### References

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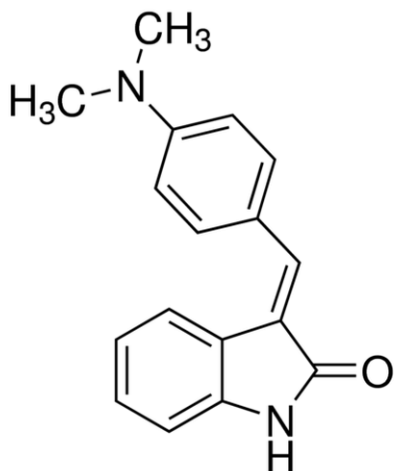
1. Zaman G.J., et al. (1999) Biochem. Pharm. 57(1): 5764.

2. Shimotake J., Derugin N., Wendland M., Vexler Z.S., & Ferriero D.M. (2010) Stroke. 41(2): 343349.
3. Schultheiss C., et al. (2006) Angiogenesis. 9(2): 5965.

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## Product Images

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Chemical structure of SU 4312 (SIH-481), a VEGFR / PDGFR kinase inhibitor. CAS #: 5812-07-7. Molecular Formula: C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O. Molecular Weight: 264.3 g/mol.

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## Product Citations (0)

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Currently there are no citations for this product.

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## Reviews

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There are no reviews yet.