



# 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) 

ZM 306416

VEGFR kinase inhibitor  
Catalog No. SIH-487



Discovery through partnership | Excellence through quality

## Overview

---

### Product Name

ZM 306416

### Description

VEGFR kinase inhibitor

### Purity

>98% (TLC)

### CAS No.

690206-97-4

### Molecular Formula

C<sub>11</sub>H<sub>11</sub>ClF<sub>3</sub>N<sub>3</sub>O

### Molecular Weight

333.7

## Properties

---

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO (3 mg/ml) or ethanol (1 mg/ml)

### Source

Synthetic

### Appearance

Off-white solid

### SMILES

COC1=C(C=C2C(=C1)C(=NC=N2)NC3=C(C=C(C=C3)Cl)F)OC

### InChI

InChI=1S/C16H13ClFN3O2/c1-22-14-6-10-13(7-15(14)23-2)19-8-20-16(10)21-12-4-3-9(17)5-11(12)18/h3-8H,1-2H3,(H,19,20,21)

---

**InChIKey**

YHUIUSRCUKUUQA-UHFFFAOYSA-N

---

**Safety Phrases**

Classification:

Not a hazardous substance or mixture.

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.

---

**Cite This Product**

ZM 306416 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-487)

---

**Biological Description**

---

**Alternative Names**

ZM-306416

---

**Research Areas**

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

---

**PubChem ID**

5329006

---

**Scientific Background**

ZM 306416 is a potent and selective VEGF receptor tyrosine kinase inhibitor. Specifically, it inhibits Flk-1 (KDR) and Flt.

---

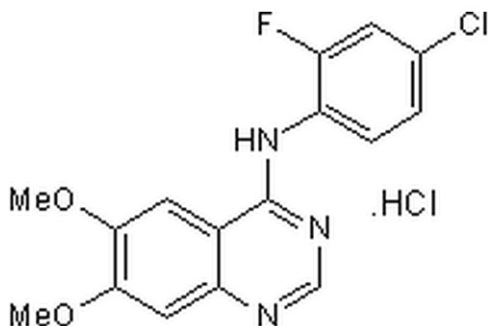
**References**

1. Hennequin L.F., et al. (1999) J. Med. Chem. 42(26): 53695389.
  2. Kawai, T., et al. (2006) Neurosci. 141(3): 12091216.
- 

**Product Images**

---

Chemical structure of ZM 306416 (SIH-487), a VEGFR kinase inhibitor. CAS #: 690206-97-4. Molecular Formula: C<sub>16</sub>H<sub>13</sub>ClFN<sub>3</sub>O<sub>2</sub>. Molecular Weight: 333.7 g/mol.

**Product Citations (0)**

---

Currently there are no citations for this product.

## Reviews

---

There are no reviews yet.