



# 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

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## Dovitinib

FGFR3 inhibitor  
Catalog No. SIH-500



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

Dovitinib

#### Description

FGFR3 inhibitor

#### Purity

>98%

#### CAS No.

405169-16-6

#### Molecular Formula

C<sub>18</sub>H<sub>18</sub>F<sub>6</sub>N<sub>2</sub>O

#### Molecular Weight

392.4

### Properties

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#### Storage Temperature

-20°C

#### Shipping Temperature

Shipped Ambient

#### Product Type

Inhibitor

#### Solubility

Soluble in DMSO

#### Source

Synthetic

#### Appearance

Crystalline solid

#### SMILES

CN1CCN(CC1)C2=CC3=C(C=C2)N=C(N3)C4=C(C5=C(C=CC=C5F)NC4=O)N

#### InChI

InChI=1S/C<sub>18</sub>H<sub>18</sub>F<sub>6</sub>N<sub>2</sub>O/c1-27-7-9-28(10-8-27)12-5-6-14-16(11-12)25-20(24-14)18-19(23)17-13(22)3-2-4-15(17)26-21(18)29/h2-6,11,24-2

5H,7-10,23H2,1H3/b20-18-

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### InChIKey

KCOYQXZDFIIGCY-ZZEZOPTASA-N

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### Safety Phrases

Classification:

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Target Organ Systemic Toxicity (single exposure), Category 3

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:

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

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.

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.

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### Cite This Product

Dovitinib (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-500)

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## Biological Description

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### Alternative Names

4-??amino-??5-??fluoro-??3-??[6-??(4-??methyl-??1-??piperazinyl)-??1H-??benzimidazol-??2-??yl]-??2(1H)-??quinolinone

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### Research Areas

Cell Signaling

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### PubChem ID

9886808

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### Scientific Background

Dovitinib is a potent growth factor receptor kinase inhibitor with effects against FLT-3, c-KIT, VEGFR, PDGFR $\beta$  and CSF-1R.

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### References

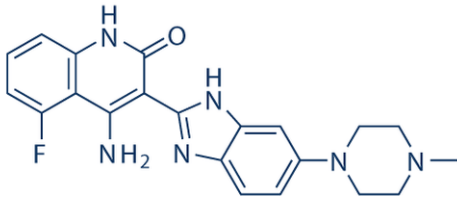
1. Konecny G.E., et al. (2013) Mol. Cancer Ther. 12(5): 632642.

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## Product Images

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Chemical structure of Dovitinib (SIH-500), a FGFR3 inhibitor. CAS #: 405169-16-6.  
Molecular Formula: C<sub>21</sub>H<sub>21</sub>FN<sub>6</sub>O. Molecular Weight: 392.4 g/mol.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.