



# 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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## Zafirlukast

Hsp70 inhibitor  
Catalog No. SIH-361



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

Zafirlukast

#### Description

Hsp70 inhibitor

#### Purity

>98% (TLC); NMR (Conforms)

#### CAS No.

107753-78-6

#### Molecular Formula

C<sub>11</sub>H<sub>11</sub>N<sub>1</sub>O<sub>5</sub>

#### Molecular Weight

575.7

### Properties

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#### Storage Temperature

-20°C

#### Shipping Temperature

Shipped Ambient

#### Product Type

Inhibitor

#### Solubility

Soluble in 25 mg/ml DMSO

#### Source

Synthetic

#### Appearance

White to Pink Solid

#### SMILES

CC1=CC=CC=C1S(=O)(=O)NC(=O)C2=CC(=C(C=C2)CC3=CN(C4=C3C=C(C=C4)NC(=O)OC5CCCC5)C)OC

#### InChI

InChI=1S/C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>6</sub>S/c1-20-8-4-7-11-29(20)41(37,38)33-30(35)22-13-12-21(28(17-22)39-3)16-23-19-34(2)27-15-14-24(18-26(23)27)32

-31(36)40-25-9-5-6-10-25/h4,7-8,11-15,17-19,25H,5-6,9-10,16H2,1-3H3,(H,32

## InChIKey

YEEZWCHGZLNKEEK-UHFFFAOYSA-N

## Safety Phrases

Classification: Caution- Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

## Cite This Product

Zafirlukast (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-361)

## Biological Description

### Alternative Names

Cyclopentyl [3-(2-methoxy-4-[[2-(methylphenyl)sulfonyl]carbamoyl]benzyl)-1-methyl-1H-indol-5-yl]carbamate; ICI-204219

### Research Areas

Cancer, Heat Shock

### PubChem ID

5717148

### Scientific Background

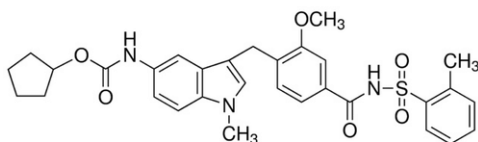
HSP70 inhibitor (IC<sub>50</sub>=37 μM). Leukotriene antagonist. Clinically useful antiasthmatic agent. Cell permeable. Looking for more information on HSP70? Visit our new HSP70 Scientific Resource Guide at <http://www.HSP70.com>.

### References

1. Miyata Y., et al. (2010) J. Biomol. 15: 1211.

## Product Images

Chemical structure of Zafirlukast (SIH-361), a Hsp70 inhibitor. CAS #: 107753-78-6.  
Molecular Formula: C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>6</sub>S . Molecular Weight: 575.7 g/mol.



## Product Citations (0)

Currently there are no citations for this product.

## Reviews

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There are no reviews yet.