



# SZABO SCANDIC

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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

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# Doramapimod

p38 MAP kinase inhibitor  
Catalog No. SIH-442



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Doramapimod

### Description

p38 MAP kinase inhibitor

### Purity

>99% (HPLC)

### CAS No.

285983-48-4

### Molecular Formula

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

### Molecular Weight

527.7

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO

### Source

Synthetic

### Appearance

White solid

### SMILES

C2=CC(=C1C=CC=CC1=C2NC(NC3=CC(=N[N]3C4=CC=C(C=C4)C(C)(C)C)=O)OCCN5CCOCC5

### InChI

InChI=1S/C<sub>11</sub>H<sub>11</sub>N<sub>1</sub>O<sub>1</sub>/c1-22-9-11-23(12-10-22)36-29(21-28(34-36)31(2,3)4)33-30(37)32-26-13-14-27(25-8-6-5-7-24(25)26)39-20-17-35-

15-18-38-19-16-35/h5-14,21H,15-20H2,1-4H3,(H2,32,33,37)

## InChIKey

MVCOAUNKQVWQHZ-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

Doramapimod (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-442)

## Biological Description

### Alternative Names

JNK Inhibitor XVII, BIRB796, 1-[5-tert-butyl-2-(4-methylphenyl)pyrazol-3-yl]-3-[4-(2-morpholin-4-ylethoxy)naphthalen-1-yl]urea

### Research Areas

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

### PubChem ID

156422

### Scientific Background

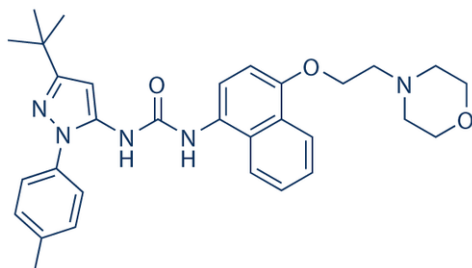
Doramapimod is a highly potent and selective inhibitor of p38 $\beta$  MAPK. It specifically blocks TNF $\alpha$  release.

### References

1. Pargellis C., et al. (2002). Nat Structural Biol. 9(4): 268272.

## Product Images

Chemical structure of Doramapimod (SIH-442), a p38 MAP kinase inhibitor. CAS #: 285983-48-4. Molecular Formula: C<sub>31</sub>H<sub>37</sub>N<sub>5</sub>O<sub>3</sub>. Molecular Weight: 527.7 g/mol.



## Product Citations (0)

Currently there are no citations for this product.

## Reviews

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There are no reviews yet.