



# 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) 

BRD 7389

p90 RSK kinase inhibitor  
Catalog No. SIH-497



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

BRD 7389

### Description

p90 RSK kinase inhibitor

### Purity

>98% (HPLC)

### CAS No.

376382-11-5

### Molecular Formula

C11H11NO1

### Molecular Weight

366.4

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble to 100 mM in DMSO

### Source

Synthetic

### Appearance

Orange powder

### SMILES

C1=CC=C(C=C1)CCNC2=C3C4=CC=CC=C4C(=O)C5=C3C(=CC=C5)NC2=O

### InChI

InChI=1S/C24H18N2O2/c27-23-17-10-5-4-9-16(17)21-20-18(23)11-6-12-19(20)26-24(28)22(21)25-14-13-15-7-2-1-3-8-15/h1-12,20,25H,1

3-14H2

## InChIKey

QVEVXIXBUORVGE-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

BRD 7389 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-497)

## Biological Description

### Alternative Names

BRD7389, BRD-7389, 1-[(2-Phenylethyl)amino]-3H-naphtho[1,2,3-de]quinoline-2,7-dione, 1-Phenethylamino-3H-naphtho[1,2,3-de]quinoline-2,7-dione

### Research Areas

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

### PubChem ID

24870634

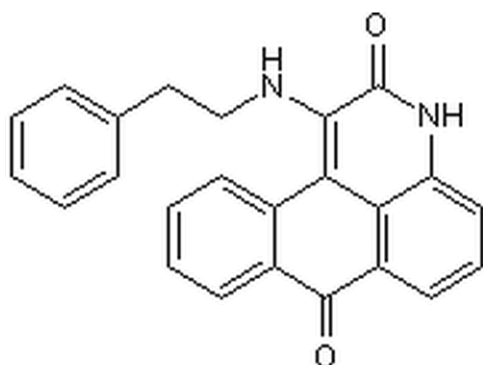
### Scientific Background

BRD 7389 is a p90 ribosomal S6 kinase (RSK) inhibitor. Specifically, BRD7398 inhibits RSK1, RSK2 and RSK3. This compound has been seen to unregulate insulin expression in terminally differentiated pancreatic  $\alpha$ -cells.

### References

1. Fomina-Yadlin D., et al. (2010) *Proc. Nat. Acad. Sci. USA.* 107(34): 1509915104.

## Product Images



Chemical structure of BRD 7389 (SIH-497), a p90 RSK kinase inhibitor. CAS #: 376382-11-5. Molecular Formula: C<sub>24</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>. Molecular Weight: 366.4 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.