



# SZABO SCANDIC

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## 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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A 769662

AMPK kinase activator  
Catalog No. SIH-490



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

A 769662

### Description

AMPK kinase activator

### Purity

>99% (HPLC)

### CAS No.

844499-71-4

### Molecular Formula

C11H11NO1S

### Molecular Weight

360.4

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Activator

### Solubility

Soluble to 100 mM in DMSO and to 10 mM in ethanol

### Source

Synthetic

### Appearance

Off-white solid

### SMILES

C1=CC=C(C(=C1)C2=CC=C(C=C2)C3=CSC4=C3C(=C(C(=O)N4)C#N)O)O

### InChI

InChI=1S/C20H12N2O3S/c21-9-14-18(24)17-15(10-26-20(17)22-19(14)25)12-7-5-11(6-8-12)13-3-1-2-4-16(13)23/h1-8,10,23H,(H2,22,24,25

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### InChIKey

CTESJDQKVOEUOY-UHFFFAOYSA-N

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### 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.

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### Cite This Product

A 769662 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-490)

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## Biological Description

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### Alternative Names

A-769662

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### Research Areas

Cell Signaling

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### PubChem ID

54708532

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### Scientific Background

A 769662 is a potent and reversible activator of AMP-activated protein kinase (AMPK). It has been shown to inhibit fatty acid synthesis and decreases plasma glucose and triglyceride levels in vivo.

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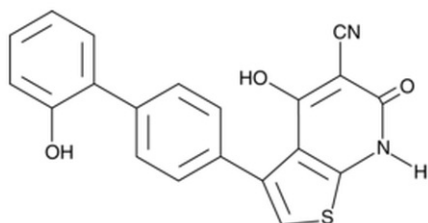
### References

1. Sanders M.J., et al. (2007) J. Biol. Chem. 282(45): 3253932548.
  2. Göransson O., et al. (2007) J. Biol. Chem. 282(45): 3254932560.
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## Product Images

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Chemical structure of A 769662 (SIH-490), a AMPK kinase activator. CAS #: 844499-71-4. Molecular Formula: C<sub>20</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S. Molecular Weight: 360.4 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.