



# 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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HC-030031

TRPA1 blocker  
Catalog No. SIH-303



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

HC-030031

### Description

TRPA1 blocker

### Purity

>98%

### CAS No.

349085-38-7

### Molecular Formula

C11H11N1O1

### Molecular Weight

355.39

## 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

White solid

### SMILES

CC(C)C1=CC=C(C=C1)NC(=O)CN2C=NC3=C2C(=O)N(C(=O)N3)C

### InChI

InChI=1S/C18H21N5O3/c1-11(2)12-5-7-13(8-6-12)20-14(24)9-23-10-19-16-15(23)17(25)22(4)18(26)21(16)3/h5-8,10-11H,9H2,1-4H3,(H,20,

24)

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### InChIKey

HEQDZPHDVAOBLN-UHFFFAOYSA-N

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### Safety Phrases

Classification: Caution: Substance not yet fully tested.

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 Phrases:

H301

Precautionary Phrases:

P301 + P310

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### Cite This Product

HC-030031 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-303)

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## Biological Description

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### Alternative Names

2-(1,3-Dimethyl-2,6-dioxo-1,2,3,6-tetrahydro-7H-purin-7-yl)-N-(4-isopropylphenyl)acetamide

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### Research Areas

Ion Channels, Neuroscience, Transient Receptor Potential Channels

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### PubChem ID

1150897

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### Scientific Background

Selective TRPA1 channel blocker that antagonizes AITC-and formalin-evoked calcium influx. Does not block currents mediated by TRPV1, V3, V4, hERG or Nav1.2 channels (1-2).

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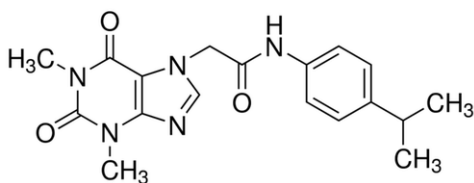
### References

1. McNamara C.R., et al. (2007) Proc Natl Acad Sci USA. 104(33): 13525-13530.
  2. Taylor-Clark T.E., et al. (2008) Mol Pharmacol. 73(2): 274-281.
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## Product Images

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Chemical structure of HC-030031 (SIH-303), a TRPA1 blocker. CAS #: 349085-38-7.  
Molecular Formula: C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub>. Molecular Weight: 355.39 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.