



# 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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NSC59984

p53-MDM2 inhibitor  
Catalog No. SIH-542



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

NSC59984

### Description

p53-MDM2 inhibitor

### Purity

>98%

### CAS No.

803647-40-7

### Molecular Formula

C11H11NO1

### Molecular Weight

265.3

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Product Type

Inhibitor

### Solubility

Soluble in DMSO (5 mg/ml)

### Source

Synthetic

### Appearance

Yellow to brown powder

### SMILES

CN1CCN(CC1)C(=O)C=CC2=CC=C(O2)[N+](=O)[O-]

### InChI

1S/C12H15N3O4/c1-13-6-8-14(9-7-13)11(16)4-2-10-3-5-12(19-10)15(17)18/h2-5H,6-9H2,1H3/b4-2+

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**InChIKey**

QKTRIGNWBRHBFV-DUXPYHPUSA-N

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**Safety Phrases**

## Classification:

D2B Toxic Material Causing Other Toxic Effects - Moderate skin irritant, Moderate respiratory irritant, Moderate eye irritant

## Hazard statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

## Precautionary statement(s):

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

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**Cite This Product**

NSC59984 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-542)

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**Biological Description**

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**Alternative Names**

NSC59984, NSC-59984, NSC59984, MLS000737358, SMR000528276, (E)-1-(4-methylpiperazin-1-yl)-3-(5-nitrofuran-2-yl)prop-2-en-1-one, 803647-40-7, AC1NS9AU, CID 5356520, MLS000737358, 1-Methyl-4-[3-(5-nitro-2-furanyl)-1-oxo-2-propenyl]-piperazine, 1-(4-Methyl-1-piperazinyl)-3-(5-nitro-2-furanyl)-2-propen-1-one

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**Research Areas**

Cancer, Cancer Growth Inhibitors, p53/mdm2 Inhibitors

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**PubChem ID**

5356520

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**Scientific Background**

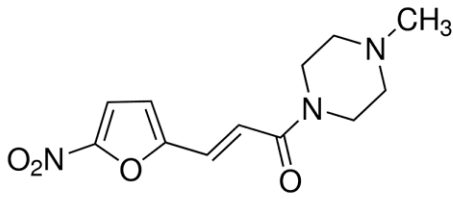
NSC59984 acts on the mutant p53/MDM2 pathway in tumor cells to restore normal function. It is not cytotoxic in healthy cells.

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**Product Images**

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Chemical structure of NSC59984 (SIH-542), a p53-MDM2 inhibitor. CAS #: 803647-40-7. Molecular Formula: C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>. Molecular Weight: 265.3 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.