



# 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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SMER3

E3 UB ligase inhibitor  
Catalog No. SIH-341



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

SMER3

### Description

E3 UB ligase inhibitor

### Purity

>98%

### CAS No.

67200-34-4

### Molecular Formula

C11H12N2O

### Molecular Weight

224.18

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in 75 mM DMSO

### Source

Synthetic

### Appearance

Yellow Solid

### SMILES

C1=CC=C2C(=C1)C3=NC4=NON=C4N=C3C2=O

### InChI

InChI=1S/C11H12N2O/c16-9-6-4-2-1-3-5(6)7-8(9)13-11-10(12-7)14-17-15-11/h1-4H

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**InChIKey**

SFSSAKWCKFRHE-UHFFFAOYSA-N

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**Safety Phrases**

Classification: Caution Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

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**Cite This Product**

SMER3 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-341)

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**Biological Description**

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**Alternative Names**

9H-Indeno[1,2-e][1,2,5]oxadiazolo[3,4-b]pyrazin-9-one

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**Research Areas**

Cancer, Apoptosis

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**PubChem ID**

568763

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**Scientific Background**

Specific inhibitor of a yeast SCF family E3 ubiquitin ligase (SCF) in vitro and in vivo. Induces the expression of MET genes; blocks cell proliferation. Enhancer of rapamycin.

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**References**

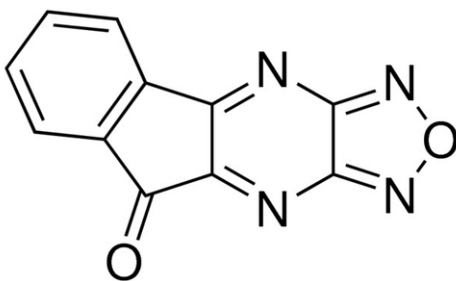
1. Aghajany et al. (2010) Nat.Biotechnol. 28: 738.

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**Product Images**

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Chemical structure of SMER3 (SIH-341), a E3 UB ligase inhibitor. CAS #: 67200-34-4.  
Molecular Formula: C<sub>11</sub>H<sub>4</sub>N<sub>4</sub>O<sub>2</sub>. Molecular Weight: 224.18 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.