



# 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

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# Zerumbone

NF-κB kinase inhibitor  
Catalog No. SIH-265



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Zerumbone

### Description

NF-κB kinase inhibitor

### Purity

>98%

### CAS No.

471-05-6

### Molecular Formula

C<sub>11</sub>H<sub>18</sub>O

### Molecular Weight

218.3

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO (?10 mg/ml)

### Source

Synthetic

### Appearance

White to off-white solid

### SMILES

C/C1=CCC/C=C/C(=O)/C(=C/CC1)/C(C)C

### InChI

InChI=1S/C<sub>15</sub>H<sub>22</sub>O/c1-12-6-5-7-13(2)14(16)9-11-15(3,4)10-8-12/h7-9,11H,5-6,10H2,1-4H3/b11-9+,12-8+,13-7+

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**InChIKey**

GIHNTRQPEMKFKO-SKTNYSRSSA-N

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**Safety Phrases**

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

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**

Zerumbone (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-265)

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**Biological Description**

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**Alternative Names**

(2E,6E,10E)-2,6,9,9-Tetramethyl-2,6,10-cycloundecatrien-1-one

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**Research Areas**

Cancer, Apoptosis

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**PubChem ID**

5470187

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**Scientific Background**

Potentiates TRAIL-induced apoptosis via upregulation of death receptor DR4 and DR5 expression. Has no cytotoxic effect on normal cells. Cell permeable. Natural sesquiterpene ketone isolated from Zingiber sp.

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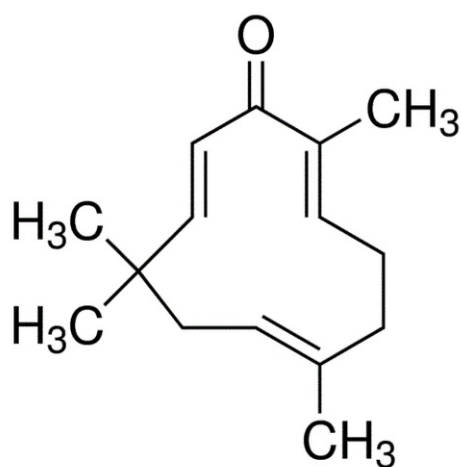
**References**

1. Leu J.L., et al. (2009) Mol Cell. 36:15.

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**Product Images**

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Chemical structure of Zerumbone (SIH-265), a Enhances apoptotic effect of TRAIL. CAS #: 471-05-6. Molecular Formula: C<sub>15</sub>H<sub>22</sub>O. Molecular Weight: 218.3 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.