



# 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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# Piceatannol

SIRT1 activator  
Catalog No. SIH-358



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Piceatannol

### Description

SIRT1 activator

### Purity

>98% (TLC); NMR (Conforms)

### CAS No.

10083-24-6

### Molecular Formula

C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>

### Molecular Weight

244.2

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Activator

### Solubility

Soluble in 10 mg/ml DMSO or 10 mg/ml Ethanol

### Source

Synthetic

### Appearance

Light Pink Solid

### SMILES

C1=CC(=C(C=C1)/C=C/C2=CC(=CC(=C2)O)O)O

### InChI

InChI=1S/C14H12O4/c15-11-5-10(6-12(16)8-11)2-1-9-3-4-13(17)14(18)7-9/h1-8,15-18H/b2-1+

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## InChIKey

CDRPUGZCRXZLFL-OWOJBTEDSA-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

Piceatannol (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-358)

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## Biological Description

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### Alternative Names

3,3',4,5'-Tetrahydroxy-transstilbene; 4-[(E)-2-(3,5-Dihydroxyphenyl)vinyl]-1,2-benzenediol

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### Research Areas

Cell Signaling, Epigenetics

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### PubChem ID

667639

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### Scientific Background

A naturally occurring resveratrol analog. Inhibits nonreceptor kinases Syk and Lyk (IC50=ca. 10M) (1). Stimulates Sirt1 (2).

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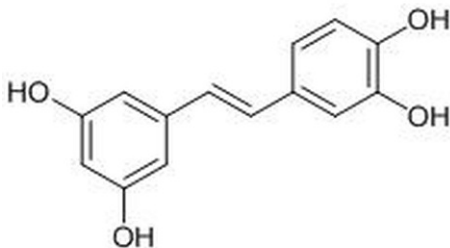
### References

1. Seow C.J., et al. (2002) Eur. J. Pharmacol. 443: 189.
  2. Howitz K.T., et al. (2003) Nature 425: 191.
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## Product Images

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Chemical structure of Piceatannol (SIH-358), a SIRT1 activator. CAS #: 10083-24-6. Molecular Formula: C<sub>14</sub>H<sub>12</sub>O<sub>4</sub> . Molecular Weight: 244.2 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.