



# 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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## Radicicol

Hsp90 inhibitor  
Catalog No. SIH-117



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

Radicicol

#### Description

Hsp90 inhibitor

#### Purity

97% by TLC

#### CAS No.

12772-57-5

#### Molecular Formula

C<sub>18</sub>H<sub>17</sub>ClO<sub>6</sub>

#### Molecular Weight

364.8

### Properties

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#### Storage Temperature

-20°C

#### Shipping Temperature

Shipped Ambient

#### Product Type

Inhibitor

#### Solubility

Soluble in DMSO

#### Source

Produced by fermentation

#### Appearance

White to Yellow Solid

#### SMILES

COc1ccc2c(=O)c(coc2c1OC)c3cc(c(cc3I)OC)OC

#### InChi

InChi=1S/C18H17ClO6/c1-9-6-15-14(25-15)5-3-2-4-10(20)7-11-16(18(23)24-9)12(21)8-13(22)17(11)19/h2-5,8-9,14-15,21-22H,6-7H2,1H3/

**InChIKey**

WYZWZEOGROWHK-GTMNPGAYSA-N

**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

**Cite This Product**

Radicicol (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-117)

**Biological Description****Research Areas**

Cancer, Heat Shock

**PubChem ID**

6323491

**Scientific Background**

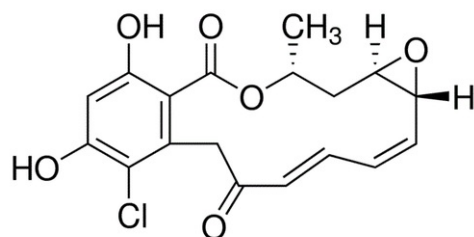
Radicicol inhibits src (IC<sub>50</sub>=0.27μM) and src-like kinases(1), leading to hypophosphorylation of retinoblastoma tumor suppressor protein(2). It causes morphological reversion of ras-transformed cells(3) and leads to selective depletion of Raf kinase(4). It also displays anti-angiogenic activity(5), and binds to and inhibits Hsp 90 molecular chaperone(6). It binds more strongly to Hsp90 than to GRP94. It also binds to yeast HSP90, E. coli HtpG and TRAP-1. Looking for more information on HSP90? Visit our new HSP90 Scientific Resource Guide at <http://www.HSP90.ca>.

**References**

1. Kwon H.J., et al. (1992) Cancer Res. 52: 6929.
2. Yen A., et al. (1994) Exp.Cell Res. 214: 163.
3. Kwon H.J., et al. (1995) J.Biochem.(Tokyo) 118: 221.
4. Soga S., et al. (1998) J.Biol.Chem. 273: 822.
5. Oikawa T., et al. (1993) Eur.J.Pharmacol. 241: 221.
6. Roe S.M. et al. (1999) J.Med.Chem. 42: 260.

**Product Images**

Chemical structure of Radicicol (SIH-117), a Hsp90 inhibitor. CAS #: 12772-57-5.  
Molecular Formula: C<sub>18</sub>H<sub>17</sub>ClO<sub>6</sub>. Molecular Weight: 364.8 g/mol.



## Product Citations (1)

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### Other Citations

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**TLN-4601, a novel anticancer agent, inhibits Ras signaling post Ras prenylation and before MEK activation.**

Boufaied, N., Wioland, M., Falardeau, P. and Gourdeau, H. -2010 Anticancer Drugs. 21 (5), 543-552.

**PubMed ID:** 20220516    **Applications:** Competitive binding assay

### Reviews

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There are no reviews yet.