



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 17-DMAG

Hsp90 inhibitor  
Catalog No. SIH-114



Discovery through partnership | Excellence through quality

### Overview

---

#### Product Name

17-DMAG

#### Description

Hsp90 inhibitor

#### Purity

>98%

#### CAS No.

30562-34-6

#### Molecular Formula

C<sub>11</sub>H<sub>11</sub>N<sub>1</sub>O<sub>1</sub>

#### Molecular Weight

616.8

### Properties

---

#### Storage Temperature

-20°C

#### Shipping Temperature

Shipped Ambient

#### Product Type

Inhibitor

#### Solubility

Soluble in DMSO (>25 mg/ml) and ethanol (10 mg/ml)

#### Source

Synthetic

#### Appearance

Purple Solid

#### SMILES

```
C[C@H]1C[C@@H]([C@@H]([C@H](C=C/[C@@H]([C@H](C=CC=C(C(=O)NC2=CC(=O)C(=C(C1)C2=O)NCCN(C)C)/C)OC(=O)N)C)O)OC
```

#### InChI

InChI=1S/C32H48N4O8/c1-18-14-22-27(34-12-13-36(5)6)24(37)17-23(29(22)39)35-31(40)19(2)10-9-11-25(42-7)30(44-32(33)41)21(4)16-20(3)28(38)26(15-18)43-8/h9-11,16-18,20,25-26,28,30,34,38H,12-15H2,1-8H3,(

### InChIKey

KUFRQPKVAWMTJO-LMZWQJSESA-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

17-DMAG (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-114)

## Biological Description

### Research Areas

Cancer, Heat Shock

### PubChem ID

9852573

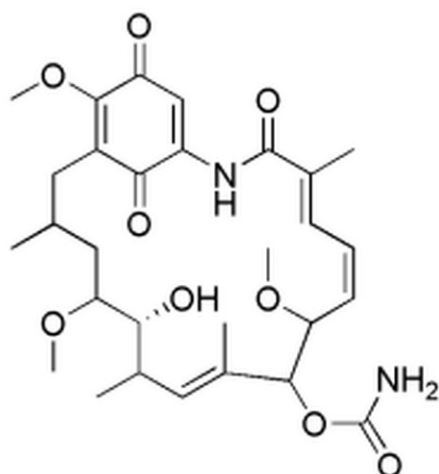
### Scientific Background

17-DMAG is a water soluble & cell-permeable analog of Geldanamycin and 17-AAG (1). It binds to the APTase site of human Hsp90a with high affinity, has cytotoxic activity against many cancer cell lines (2), and acts as angiogenesis inhibitor (3). This Hsp90 inhibitor shows promise in preclinical models. 17-DMAG has excellent bioavailability, is widely distributed to tissues, and is quantitatively metabolized much less than is 17-AAG.

### References

1. Bull E.E., et al.(2004) Clin. Cancer Res. 10: 8077.
2. Gossett D.R. et al.(2005) Gynecol. Oncol. 96: 381.
3. Kaur G. et al.(2004) Clin. Cancer Res. 10: 4813.

## Product Images



Chemical structure of 17-DMAG (SIH-114), a Hsp90 inhibitor. CAS #: 30562-34-6. Molecular Formula: C32H48N4O8. Molecular Weight: 616.8 g/mol.

## Product Citations (0)

---

Currently there are no citations for this product.

## **Reviews**

---

There are no reviews yet.