



# 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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## Edaravone

Free radical scavenger  
Catalog No. SIH-152



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

Edaravone

#### Description

Free radical scavenger

#### Purity

>98%

#### CAS No.

89-25-8

#### Molecular Formula

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

#### Molecular Weight

174.2

### Properties

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#### Storage Temperature

-20°C

#### Shipping Temperature

Shipped Ambient

#### Product Type

Antioxidant

#### Solubility

Soluble to 100 mM in DMSO

#### Source

Synthetic

#### Appearance

Light Yellow Solid

#### SMILES

CC1=NN(C(=O)C1)C2=CC=CC=C2

#### InChI

InChI=1S/C10H10N2O/c1-8-7-10(13)12(11-8)9-5-3-2-4-6-9/h2-6H,7H2,1H3

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**InChIKey**

QELUYTUMUWHWMC-UHFFFAOYSA-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

Risk Phrases:

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

R62 - Possible risk of impaired fertility

R68 - Possible risk of irreversible effects

Hazard Phrases:

H302-H315-H319-H335

Precautionary Phrases: P261-P305 + P351 + P338

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**Cite This Product**

Edaravone (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-152)

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**Biological Description**

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**Alternative Names**

5-Methyl-2-phenyl-2,4-dihydro-3H-pyrazol-3-one, MCI-186

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**Research Areas**

Cancer, Oxidative Stress

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**PubChem ID**

4021

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**Scientific Background**

A radical scavenger and antioxidant which is able to protect against the effects of ischemia by inhibiting the lipoxygenase system. Protects against MPTP-induced neurotoxicity.

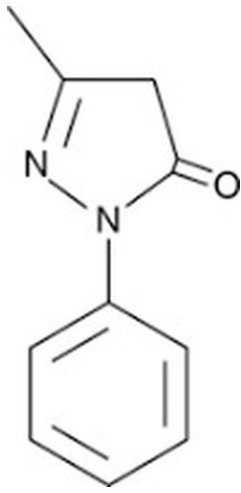
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**References**

1. Kawai G., et al. (1997) J Pharmacol Exp Ther. 281(2): 921-927.
  2. Yuki S., and Koquire K. (1997) Mol Chem Neuropathol. 32(1-3): 123-128.
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**Product Images**

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Chemical structure of Edaravone (SIH-152), a Free radical scavenger. CAS #: 89-25-8.  
Molecular Formula: C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O. Molecular Weight: 174.2 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.