



# 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

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# Difluoromethylornithine

ODC Inhibitor  
Catalog No. SIH-200



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Difluoromethylornithine

### Description

ODC Inhibitor

### Purity

>98%

### CAS No.

70052-12-9

### Molecular Formula

C<sub>11</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

### Molecular Weight

218.63

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble to 75 mM in water

### Source

Synthetic

### Appearance

White Solid

### SMILES

FC(F)NC(CCCN)C(O)=O

### InChI

InChI=1S/C6H12F2N2O2/c7-6(8)10-4(5(11)12)2-1-3-9/h4,6,10H,1-3,9H2,(H,11,12)/t4-/m0/s1

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**InChIKey**

LDLGBNXXSBZFATB-BYPYZUCNSA-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**

Difluoromethylornithine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-200)

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**Biological Description**

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**Alternative Names**

N2-(Difluoromethyl)ornithine, DFMO, Eflornithine

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**Research Areas**

Cancer, Apoptosis

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**PubChem ID**

3009

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**Scientific Background**

Inhibitor of ornithine decarboxylase that inhibits polyamine biosynthesis. Displays anti-apoptotic, anti-angiogenic and anti-parasitic activity.

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**References**

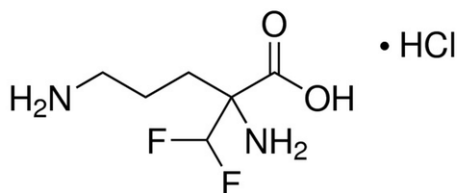
1. Malhotra B., Noveck R., Behr D., Palmisano M. (2001) J Clin Pharmacol. 41: 972-978.

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**Product Images**

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Chemical structure of Difluoromethylornithine (SIH-200), a Inhibits polyamine biosynthesis. CAS #: 70052-12-9. Molecular Formula: C<sub>6</sub>H<sub>12</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub> \* HCl. Molecular Weight: 218.63 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.