



# 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) 

SL-01

p53/mdm2 inhibitor  
Catalog No. SIH-343



Discovery through partnership | Excellence through quality

## Overview

---

### Product Name

SL-01

### Description

p53/mdm2 inhibitor

### Purity

>98% (TLC); NMR (Conforms)

### CAS No.

26049-94-5

### Molecular Formula

C<sub>18</sub>H<sub>18</sub>ClNO<sub>3</sub>

### Molecular Weight

331.8

## Properties

---

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in 50 mg/ml DMSO or 15 mg/ml warm Ethanol

### Source

Synthetic

### Appearance

White Solid

### SMILES

C1=CC=C(C=C1)C[C@@H](C(=O)CC)NC(=O)OCC2=CC=CC=C2

### InChI

InChI=1S/C18H18ClNO3/c19-12-17(21)16(11-14-7-3-1-4-8-14)20-18(22)23-13-15-9-5-2-6-10-15/h1-10,16H,11-13H2,(H,20,22)/t16-m/s1

---

**InChIKey**

OYHLRJGDELITAF-INIZCTEOSA-N

---

**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

---

**Cite This Product**

SL-01 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-343)

---

**Biological Description**

---

**Alternative Names**

Benzyl [(2S)-4-chloro-3-oxo-1-phenyl-2-butanyl]carbamate; N-Benzyloxycarbonyl-Lphenylalaninylchloromethyl ketone; ZPCK

---

**Research Areas**

Cancer, Apoptosis, Cancer Growth Inhibitors, p53/mdm2 Inhibitors

---

**PubChem ID**

99625

---

**Scientific Background**

Inhibits the p53-MDM2 interaction (20  $\mu$ M). Has also been shown to inhibit bovine chymotrypsin A-y.

---

**References**

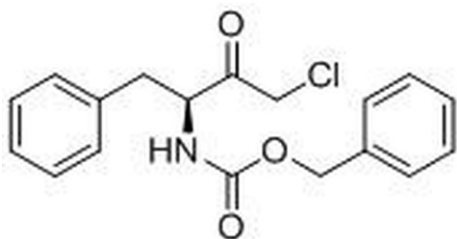
1. Li J., et al. (2011) J Biol Screening 16: 450.

---

**Product Images**

---

Chemical structure of SL-01 (SIH-343), a p53/mdm2 inhibitor. CAS #: 26049-94-5. Molecular Formula: C<sub>18</sub>H<sub>18</sub>ClNO<sub>3</sub>. Molecular Weight: 331.8 g/mol.

**Product Citations (0)**

---

Currently there are no citations for this product.

## Reviews

---

There are no reviews yet.