



# 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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LY 294002

PI 3-Kinase inhibitor  
Catalog No. SIH-252



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

LY 294002

### Description

PI 3-Kinase inhibitor

### Purity

>98%

### CAS No.

154447-36-6

### Molecular Formula

C11H11NO1HCl

### Molecular Weight

343.81

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble to 5 mM in ethanol and to 25 mM in DMSO

### Source

Synthetic

### Appearance

White Crystalline Solid

### SMILES

C1COCCN1C2=CC(=O)C3=C(O2)C(=CC=C3)C4=CC=CC=C4

### InChI

InChI=1S/C19H17NO3/c21-17-13-18(20-9-11-22-12-10-20)23-19-15(7-4-8-16(17)19)14-5-2-1-3-6-14/h1-8,13H,9-12H2

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**InChIKey**

CZQHHVNHHRDU-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

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**Cite This Product**

LY 294002 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-252)

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**Biological Description**

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**Alternative Names**

2-(4-Morpholinyl)-8-phenyl-4H-chromen-4-one

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**Research Areas**

Cancer, Apoptosis, Cancer Growth Inhibitors, Tyrosine Kinase Inhibitors

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**PubChem ID**

3973

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**Scientific Background**

LY294002 is a potent inhibitor of PI3Ks. It inhibits proliferation and induces apoptosis in human colon cancer cells in vitro and in vivo (1).

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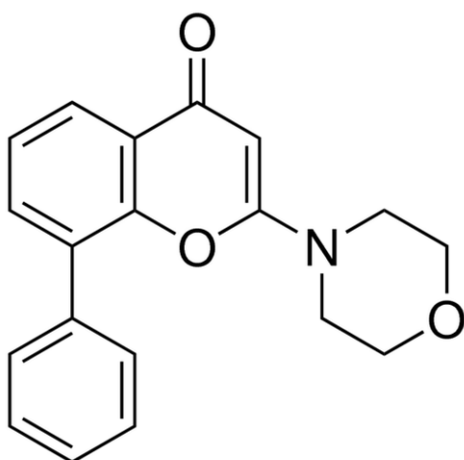
**References**

1. Vlahos, et al. (1994) J Biol Chem. 269: 5241.

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**Product Images**

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Chemical structure of LY 294002 (SIH-252), a PI 3-Kinase inhibitor. CAS #: 154447-36-6. Molecular Formula: C<sub>19</sub>H<sub>17</sub>NO<sub>3</sub> \* HCl. Molecular Weight: 343.81 g/mol.

**Product Citations (1)**

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## Other Citations

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### **Regulation of surface expression of TRPV2 channels in the retinal pigment epithelium.**

Reichhart, N., Keckeis, S., Fried, F., Fels, G., and Strauss, O. -2015 Graefes Arch Clin Exp Ophthalmol. 253(6):865-74.

**PubMed ID:** 25616727    **Applications:** In vitro inhibition

## Reviews

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There are no reviews yet.