



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Data Sheet

Research Use Only

## Compound Name

LY294002

## Catalog Number

SM24

## Alternative Names

LY 294002, LY-294002, 2-Morpholin-4-yl-8-phenylchromen-4-one, 2-(4-Morpholinyl)-8-phenyl-4H-1-benzopyran-4-one

## Activity

LY294002 shows a highly selective inhibitor of PI3K *in vivo*. LY294002 can transfer cells to specific inhibition of PI3K, inhibition of PI3K/Akt signaling pathways, including inhibition of common Akt phosphorylation.

## Effect

LY294002 inhibits cell proliferation of choroidal melanoma OCM-1 cells. In mouse embryonic stem cells, LY294002 prevents self-renewal by inhibiting LIF2.

## Purity

>99%

## CAS

154447-36-6

## Formula

$C_{19}H_{17}NO_3$

## Molecular Weight

307.34

## Solubility

DMSO, ethanol

## Stability

Stable at -20°C. Keep away from direct sunlight.

## References

1.Gharbi, SI., et al. 2007. Biochem J. 404(1): 15-21. PMID: 17302559