



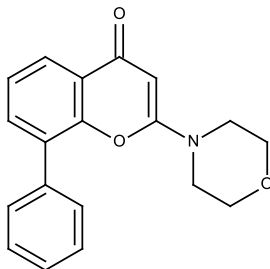
**Catalog # 10-2150**

**LY-294002**

CAS# 154447-36-6

2-(4-Morpholinyl)-8-phenyl-4H-1-benzopyran-4-one

Lot # FB1186



LY 294002 is a potent and specific inhibitor of phosphatidylinositol-3-kinase ( $IC_{50} = 1.40 \mu M$ ).

- 1) Vlahos *et al* (1994) *A specific inhibitor of phosphatidylinositol 3-kinase, 2-(4-morpholinyl)-8-phenyl-4H-1-benzopyran-4-one (LY 294002)* J.Biol.Chem. **269** 5241

### **PHYSICAL DATA**

Molecular Weight:	307.34
Molecular Formula:	$C_{19}H_{17}NO_3$
Purity:	>98%
Solubility:	DMSO (25 mg/ml)
Physical Description:	Off-white to pale yellow solid
Storage and Stability:	Store as supplied at room temperature for up to 1 year from the date of purchase. Store solutions at $-20^{\circ}C$ for up to 4 months.

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