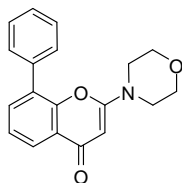




## Certificate of Analysis

**Axon Catalogue ID:** 1366 **Batch Number:** 2  
**Product Name:** LY 294002  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Morpholin-4-yl-8-phenyl-chromen-4-one

**Structure:**



**Amount:**

**CAS number:** 154447-36-6  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>17</sub>NO<sub>3</sub> **Batch MW:** 307.34  
**Appearance:** White solid **Observed mp:** 184 °C  
**TLC (R<sub>f</sub>):** 0.58 DCM/MeOH (9:1)  
**Chemical Purity:** 100.0%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 74.25 , H 5.58 , N 4.56 Found: C ND , H ND , N ND  
**Storage Conditions:** Store at +4°C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.7	>100 mM	
	EtOH			Not Tested

**Remarks:** Product is light sensitive.

**QC Date:** 14-12-2009

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**