

## IQ-1

Cat. No. CEI-0711

Lot. No. (See product label)

### Introduction

**Description** Maintains the undifferentiated state of embryonic stem cells. By targeting the PR72/130 subunit of the Ser/Thr phosphatase PP2A, it prevents  $\beta$ -catenin from switching coactivator usage from CBP to p300. The increase in  $\beta$ -catenin/CBP mediated transcription at the expense of  $\beta$ -catenin/p300-mediated transcription helps to maintain the murine stem cell pluripotency.

### Product Information

**Appearance** Off-white solid

**CAS No.** 331001-62-8

**Molecular Formula**  $C_{21}H_{22}N_4O_2$

**Chemical Name** 2-[(4-Acetylphenyl)azo]-2-(3,4-dihydro-3,3-dimethyl-1(2H)-isoquinolinylidene)-acetamide

**Molecular Weight** 509.72

**Purity** >98% by HPLC

**Targets** PP2A

**Solubility** DMSO (10 mM)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack