Creative Enzymes®

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 β-catenin from switching coactivator usage from CBP to p300. The increase in β-cateinin/CBP mediated transcription at the expense of β-cateinin/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