Creative Enzymes®

ITSA-1

Cat. No. CEI-0686

Lot. No. (See product label)

Introduction

Description	Cell-permeable. ITSA-1 is a suppressor of Trichostatin A (TSA) and a molecular tool for dissecting gene regulation by distinct acetylation events (histone and tubulin). ITSA-1 specifically suppresses TSA inhibition of HDAC (histone deacetylase), but not other HDAC inhibitors. ITSA-1 reverses TSA induced histone acetylation, overall deacetylation. ITSA-1 also reverses TSA induced cell cycle arrest and apoptosis.

Product Information

Appearance	Whitish film
CAS No.	200626-61-5
Molecular Formula	C 13 H 7 Cl 2 N 3 O
Chemical Name	N-(1H-Benzotriazol-1-yl)-2,4-dichlorobenzamide, ITSA1
Molecular Weight	995.17
Purity	>95% by HPLC
Targets	TSA
Solubility	DMSO or EtOH or MeOH

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack