

## 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

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

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack