Creative Enzymes®

Niclosamide

Cat. No. CEI-0672

Lot. No. (See product label)

Introduction

Description	A STAT3 signaling pathway inhibitor. Niclosamide potently inhibits the activation and transcriptional function of STAT3 and induces cell growth inhibition, apoptosis, and cell cycle arrest of cancer cells with constitutively active STAT3. Also reversibly inhibits mTORC1 signaling and stimulates autophagy in vitro; displays antineoplastic effects in acute myelogenous leukemia (AML) stem cells.

Product Information

Appearance	Yellow solid
CAS No.	50-65-7
Molecular Formula	$C_{13}H_8Cl_2N_2O_4$
Chemical Name	5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide
Molecular Weight	294.41
Purity	>98% by TLC
Targets	STAT3
Solubility	DMSO (25 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack