

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