

Chidamide

Cat. No. CEI-0504

Lot. No. (See product label)

Introduction

Description Cell-permeable. A new benzamide class of histone deacetylase (HDAC) inhibitor with marked anti-tumor activity. It increases histone H3 acetylation levels in LoVo and HT29 colon cancer cells at concentrations as low as 4 μ M. Additionally, chidamide affects the activation of oncogenic signaling kinases by dose-dependently reducing phosphorylated Akt, mTOR, p70S6k, Raf, and Erk1/2 protein expression in colon cancer cells.

Product Information

Appearance White solid

CAS No. 743420-02-2

Molecular Formula C₂₂H₁₉FN₄O₂

Chemical Name N-(2-amino-5-fluorophenyl)-4-[[[1-oxo-3-(3-pyridinyl)-2-propen-1-yl]amino]methyl]-benzamide

Molecular Weight 382.45

Purity >95% by HPLC

Targets HDAC

Solubility DMSO (200 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack