Creative Enzymes®

HNHA

Cat. No. CEI-0997

Lot. No. (See product label)

Introduction

Description	HNHA is a cell-permeable inhibitor of histone deacetylase (HDAC) activity. HNHA induces histone hyperacetylation and p21 transcription with inhibition of cell cycle progression in human fibrosarcoma HT1080 cells. In in vivo murine xenographs, HNHA is equally as effective as SAHA in inhibiting tumor growth. HNHA inhibits HUVEC growth and prevents tube formation and migration in response to VEGF. Also HNHA blocks retinal neovascularization and choroidal angiogenesis in mice.
Synonyms	HD7, HD7b, HD9, HDAC, HDAC7, HDAC7B, HDAC9B, HDAC9FL, HDRP, MITR

Product Information

Appearance	A crystalline solid.
CAS No.	926908-04-5
Molecular Formula	C17H21NO2S
Molecular Weight	303.4
Purity	>98%
Targets	HDAC
IC50	100 nM

Storage and Shipping Information

Storage	Store at or below -20 centigrade for up to two years.