Creative Enzymes®

(S)-HDAC-42

Cat. No. CEI-0998

Lot. No. (See product label)

Introduction

Description	S)-HDAC-42 is a strong inhibitor of HDACs. It decreases the viability of prostate cancer cell lines by increasingthe expression of p21 and the acetylation of histone H3 while decreasing Akt phosphorylation and Bcl-XL expression. The inhibitor suppresses the growth of PC-3 tumor xenografts, reducing levels of phospho-Akt and Bcl-XL protein in tumors.

Product Information

Appearance	A crystalline solid.
CAS No.	935881-37-1
Molecular Formula	C8H20N2O3
Molecular Weight	312.4
Purity	>95%
Targets	HDACs
IC50	16 nM

Storage and Shipping Information

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