

(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 increasing the 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.