

Panobinostat (LBH589)

Cat. No. CEI-0499

Lot. No. (See product label)

Introduction

Description

(LBH589) is a highly potent inhibitor of both histone deacetylase 1 (HDAC1) activity and tumour cell proliferation in vitro. The IC₅₀ values of HDAC isozymes HDAC1-IP Ac-H4, HDAC8, MALunselective, B61HDAC1 and B12HDAC6 are 0.23±0.06, 283±29, 75±4, 47±5 and 89±12 nM, respectively. And to A2780 proliferation, IC₅₀ value is 4.6±1.8 nM.

Synonyms

LBH589, LBN-589, NVP-LBH590

Product Information

Appearance

White solid

CAS No.

404950-80-7

Molecular Formula

C₂₁H₂₃N₃O₂

Molecular Weight

371.27

Purity

>98% by HPLC

Targets

HDAC

Solubility

DMSO (~100 mM) or EtOH (~ 100 mM)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack