

SB 939

Cat. No. CEI-0507

Lot. No. (See product label)

Introduction

Description

An orally available pan-histone deacetylase (HDAC) inhibitor binding all HDAC isozymes with similar affinity (K_{is} = 16-28 nM) with the exception of HDAC6 and 7 (K_{is} = 247 and 104 nM, respectively). SB 939 demonstrates good bioavailability in vivo and significantly inhibits tumor growth in various xenograft mouse models at doses ranging from 25-100 mg/kg.

Synonyms

Pracinostat

Product Information

Appearance

Pale yellow solid

CAS No.

929016-96-6

Molecular Formula

C₂₀H₃₀N₄O₂

Chemical Name

3-[2-butyl-1-[2-(diethylamino)ethyl]-1H-benzimidazol-5-yl]-N-hydroxy-2E-propenamide

Molecular Weight

376.86

Purity

>98% by HPLC

Targets

HDAC

Solubility

DMSO (~ 50 mM)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack