

Oxamflatin

Cat. No. CEI-0508

Lot. No. (See product label)

Introduction

Description A potent inhibitor of mammalian histone deacetylases (HDACs) (IC₅₀ = 15.7 nM). A novel antitumor agent; oxamflatin modifies epigenetic status and gene expression, increases blastocyst quality, and subsequently enhances the nuclear reprogramming and developmental potential of SCNT (somatic cell nuclear transfer) embryos.

Synonyms Metaccept 3

Product Information

Appearance White solid

CAS No. 151720-43-3

Molecular Formula C₁₇H₁₄N₂O₄S

Chemical Name N-hydroxy-5-[3-[(phenylsulfonyl)amino]phenyl]-2E-penten-4-ynamide

Molecular Weight 685.89

Purity >90% by HPLC

Targets HDAC

Solubility DMSO or MeOH

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions RT