

## Oxamflatin

Cat. No. CEI-0508

Lot. No. (See product label)

### Introduction

#### Description

A potent inhibitor of mammalian histone deacetylases (HDACs) ( $IC_{50} = 15.7$  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

C<sub>17</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S

#### 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