

## Oxamflatin

Cat. No. CEI-0508

Lot. No. (See product label)

### Introduction

**Description** A potent inhibitor of mammalian histone deacetylases (HDACs) (IC<sub>50</sub> = 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