

## Mocetinostat

Cat. No. CEI-0979

Lot. No. (See product label)

### Introduction

**Description** Mocetinostat selectively inhibits histone deacetylases (HDACs) 1-3 and 11 at submicromolar concentrations. It blocks cancer cell proliferation in vitro and has significant antitumor activity in vivo. Mocetinostat induces hyperacetylation of histones, causes expression of the tumor suppressor protein p21(WAF1/CIP1), and inhibits proliferation of human cancer cells growing in culture.

### Product Information

<b>Appearance</b>	crystalline solid
<b>CAS No.</b>	726169-73-9
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>20</sub> N <sub>6</sub> O
<b>Molecular Weight</b>	396.4 Da
<b>Purity</b>	>99%
<b>Targets</b>	(HDACs) 1-3, 11
<b>Solubility</b>	Soluble in DMSO

### Storage and Shipping Information

**Stability** Store at or below -20°C. Solid form is stable at least 12 months from date of receipt, when stored as directed. Do not store aqueous solutions for more than one day.