

## HDM Inhibitor, 2,4-PDCA

Cat. No. CEI-0545

Lot. No. (See product label)

### Introduction

**Description** A histone-lysine demethylase (HKDM) inhibitor. Inhibits JARID1 proteins with an IC<sub>50</sub> values of 4.3 μM for JARID1B and 4.1 μM for JARID1A. 2, 4-PDCA does not inhibit UTX even at 10 μM.

**Synonyms** 2,4-Pyridinecarboxylic acid, monohydrate

### Product Information

**Appearance** White to off-white solid

**CAS No.** 207671-42-9

**Molecular Formula** C<sub>7</sub> H<sub>5</sub> N<sub>4</sub> . H<sub>2</sub> O

**Molecular Weight** 581.49

**Purity** >98% by HPLC

**Targets** KDM5B, KDM5A

**Solubility** DMSO (~20 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack