

## OAC-1

Cat. No. COEC-118

Lot. No. (See product label)

### Introduction

**Description** OAC-1 is an Oct-4 activator which enhances and accelerates iPSC reprogramming in the presence of 4F (Oct-4, Sox-2, c-Myc and GSK3i) by ~20-fold (relative to 4F by itself). OAC-1 upregulates mRNA expression of Oct-4, Sox-2 and Nanog, as well as Tet1. It has shown no effects, however, on the p53-p21 pathway or Wnt- $\beta$ -catenin signaling.

**Applications** An Oct-4 activator which increases mRNA expression of Oct-4, Sox-2, Nanog, and Tet1

**Synonyms** N-1H-Pyrrolo[2,3-c]pyridin-5-ylbenzamide

### Product Information

**Form** Solid

**CAS No.** 300586-90-7

**Molecular Formula** C<sub>14</sub>H<sub>11</sub>N<sub>3</sub>O

**Molecular Weight** 237.26

**Melting Point** 197.05 °C (Predicted)

**Boiling Point** ~386.6 °C at 760 mmHg (Predicted)