

## 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 GSKL) 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-β-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)