

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-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 C₁₄H₁₁N₃O

Molecular Weight 237.26

Melting Point 197.05 °C (Predicted)

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