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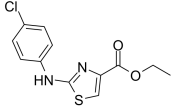
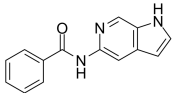
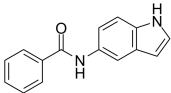
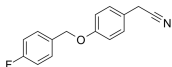
Inhibitors, Screening Libraries, Proteins

Oct3/4

POU5F1; Slc22a3

Oct3/4 (also known as POU5F1 and Oct4) is regarded as one of the key regulators of pluripotency. Oct-4 is a homeodomain transcription factor of the POU family. This protein is critically involved in the self-renewal of undifferentiated embryonic stem cells. It is frequently used as a marker for undifferentiated cells. Oct-4 expression must be closely regulated; too much or too little will cause differentiation of the cells.

Oct3/4 Activators

O4I1 O4I1 is as a potent Oct3/4 inducer.  Purity: 97.43% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 10 mg, 25 mg, 50 mg, 100 mg, 200 mg	O4I2 O4I2 is a potent Oct3/4 inducer. O4I2 induces the expression of pluripotent-associated genes Lin28, Sox2 and Nanog, and suppresses Rex1.  Purity: 99.42% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg
OAC1 OAC1 is a Octamer-binding transcription factor 4 (Oct4)-activating compound; enhances the iPSC reprogramming efficiency and accelerated the reprogramming process.  Purity: 99.12% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg	OAC2 OAC2 is an Oct4-activating compound which activates expression through the Oct4 gene promoter.  Purity: 99.57% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg
Oct3/4-inducer-1 Oct3/4-inducer-1 (compound 2) is a potent Oct3/4 inducer. Oct3/4-inducer-1 promotes expression and stabilization of Oct3/4, and enhances its transcriptional activity in diverse human somatic cells.  Purity: 98.04% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg	