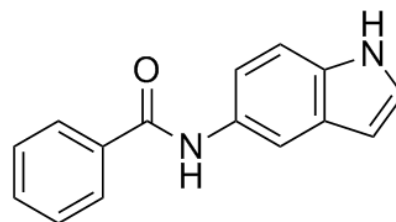


Product Name : OAC2
Cat. No. : PC-43282
CAS No. : 6019-39-2
Molecular Formula : C₁₅H₁₂N₂O
Molecular Weight : 236.2686
Target : Other Targets
Solubility : DMSO: ≥ 2.4 mg/mL



Biological Activity

Oct4-activating compound 2 (OAC2) is a small molecule Oct4-activating compound, enhances the iPSC reprogramming efficiency and accelerates the reprogramming process; activates Oct4 and Nanog promoter-driven reporters in triplicate luciferase reporter assays, activates endogenous Oct4, Nanog, Sox2, and Tet1 expression; enhances reprogramming about fourfold at day 8 at 1 uM in iSF1 for the generation of mouse iPSCs.

References

Li W, et al. Proc Natl Acad Sci U S A. 2012 Dec 18;109(51):20853-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com