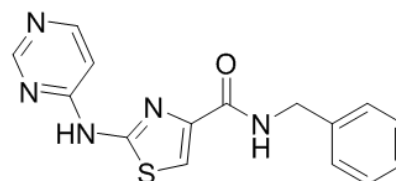


Product Name : Thiazovivin
Cat. No. : PC-43437
CAS No. : 1226056-71-8
Molecular Formula : C₁₅H₁₃N₅OS
Molecular Weight :
Target : ROCK
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

Thiazovivin is a small molecule inhibitor of ROCK, dramatically improves (200-fold) the efficiency of iPSC generation from human fibroblasts; dramatically improves the survival of hESCs upon trypsinization, addition of Thiazovivin to cocktail of SB431542 and PD0325901 also vastly improves the survival of iPSCs after splitting by trypsinization; induces porcine embryonic fibroblasts into adipocytes.

References

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Zhu J, et al. Cell Reprogram. 2012 Apr;14(2):99-105.
Wang F, et al. Gastroenterology. 2013 Aug;145(2):383-95.e1-21.
Mohseni R, et al. Cell Biol Int. 2015 May;39(5):515-8.

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

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