



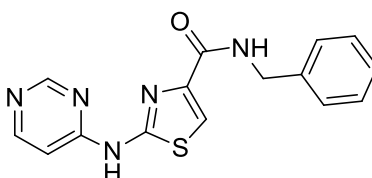
**Catalog # 10-1191**

**Thiazovivin**

CAS# 1226056-71-8

*N*-Benzyl-[2-(pyrimidin-4-yl)amino]thiazole-4-carboxamide

Lot # X105133



Dramatically improves (200-fold) the efficiency of induced pluripotent stem cell generation from human fibroblasts<sup>1</sup>. Induces direct conversion of porcine embryonic fibroblasts into adipocytes<sup>2</sup>. Cell permeable.

- 1) Lin *et al.* (2009), *A chemical platform for improved induction of iPSC*; Nature Methods, **6** 805
- 2) Zhu *et al.* (2012), *Direct conversion of porcine embryonic fibroblasts into adipocytes by chemical molecules*; Cell Reprogram., **14** 99

### **PHYSICAL DATA**

Molecular Weight: 311.37  
Molecular Formula: C<sub>15</sub>H<sub>13</sub>N<sub>5</sub>OS  
Purity: >98% (TLC); NMR (Conforms)  
Solubility: May be dissolved in DMSO (up to 30mg/ml)  
Physical Description: Light yellow powder  
Storage and Stability: Store desiccated as supplied at -20°C for up to 2 years. Store solutions at -20°C for up to 2 months.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**