

Cat No. 40-W12

Thiazovivin

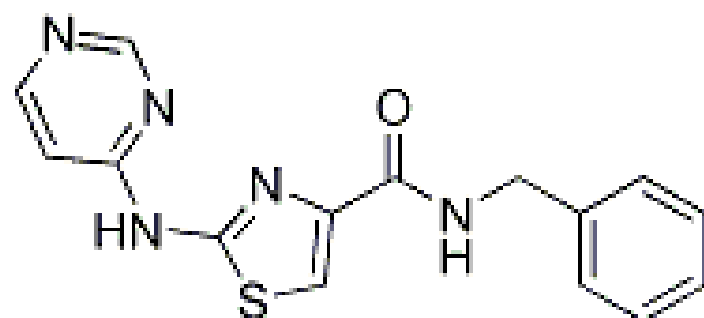
1 mg



For research purposes only

Thiazovivin is a small molecule that has been shown to dramatically improve survival of hESCs upon tripi-sination. When used in combination with Alk5 inhibitor SB431542 and MEK inhibitor PD0325091, Thiazovivin has been shown to enhance the efficiency of fibroblast reprogramming.

TECHNICAL INFORMATION



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

Chemical Formula: C₁₅H₁₃N₅OS

CAS Number: 1226056-71-8

Molecular Weight: 311.36

Purity: ≥98% by HPLC

Appearance: Off White Solid

Solubility: DMSO

STORAGE AND HANDLING

Storage: Store at 4°C and protected from light. Following reconstitution, store aliquots at -20°C.

Stability: Stock solutions stable at -20°C for up to 2 years.

Shipping Conditions: Shipped at room temperature.

PRODUCT USE

Soluble in DMSO to 100mM. Incubate in a 37°C water bath for 5 minutes if precipitate is observed.

REFERENCES

1. Lin et al. (2009) A chemical platform for improved induction of human iPSCs. *Nature Methods*. (11):805-8.