

Cat No. 40-W12

Lot 1010

Thiazovivin

1 mg

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.

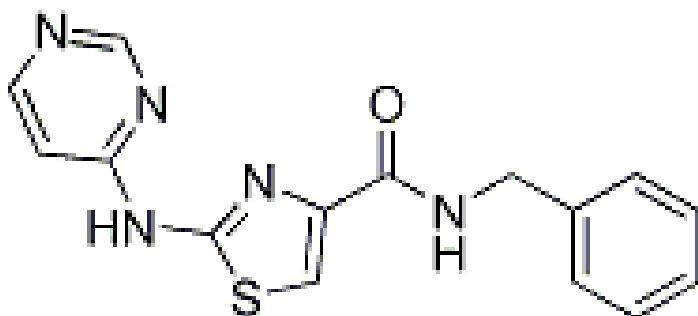


Certificate of Analysis

For research purposes only

TECHNICAL INFORMATION

STORAGE AND HANDLING



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

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

Shipping Conditions: Shipped at room temperature.

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

Chemical Formula: C₁₅H₁₃N₅OS

CAS Number: 1226056-71-8

Molecular Weight: 311.36

Purity: ≥99% by HPLC

Appearance: Off White Solid

Solubility: DMSO

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 in-
duction of human iPSCs. Nature Methods. (11):805-8.