



Thiazovivin

Kinase Inhibitor

E1KS1459

Kinase Inhibitor Name: Thiazovivin

Catalog Number: E1KS1459

Quantity: 5mg

1. PHYSICAL AND CHEMICAL PROPERTIES

M.Wt: 311.36

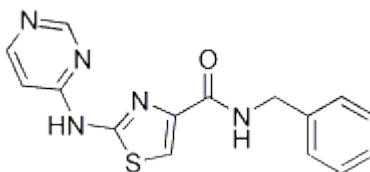
Formula: C₁₅H₁₃N₅OS

Solubility: DMSO ≥62 mg/mL Water <1 mg/mL Ethanol ≥5 mg/mL

Stability: 2 years -20°C Powder
1 week -4°C in DMSO
1 month -80°C in DMSO

CAS No.: 1226056-71-8

Molecular Structure:



2. Biological Activity

Thiazovivin is a compound which dramatically improves the survival of hESCs upon trypsinization.

Thiazovivin dramatically improves the survival of hESCs upon trypsinization. In combination with ALK5 (TGFβ receptor) inhibitor SB-431542 and MEK inhibitor PD-0325901, thiazovivin promotes the transformation of fibroblasts into stem cells with a 200-fold efficiency over the classic method.^[1]

3. References:

Effect of Fasudil HCl, a protein kinase inhibitor, on cerebral vasospasm. Shibuya M et al. Acta Neurochir Suppl. 2001;77:201-4.

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

For Research Use Only