

Product Name: Thiazovivin

Cat. No.: SMOC-2603-CXX-042

Description: A ROCK inhibitor that enhances the chemical reprogramming of fibroblasts into iPSCs.

| Product Details | |
|-----------------------------|--|
| Size | 10 mg |
| Purity | ≥98% |
| Formula | C ₁₅ H ₁₃ N ₅ O ₂ |
| Molecule Mass | 311.36 |
| Chemical Name | N-Benzyl-[2-(pyrimidin-4-yl)amino]thiazole-4-carboxamide |
| SMILES | <chem>O=C(NCC3=CC=CC=C3)C1=CSC(NC2=CC=NC=N2)=N1</chem> |
| Target | ROCK |
| Biological Activity | Thiazovivin is a selective, cell-permeable inhibitor of Rho-associated coiled-coil kinase (ROCK), with an IC ₅₀ of 0.5 μM. In combination with SB 431542 and PD 0325901, it enhances the efficiency of fibroblast reprogramming into iPSCs. |
| Appearance | Solid |
| Color | Off-white to light yellow |
| Solubilization | The compound is soluble to 100 mM in DMSO |
| Storage & Handling | |
| Storage | Store at -20°C |
| Shipping Information | Room temperature |

⚠ For preclinical research and development use only; not intended for therapeutic or other applications.