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DATASHEET

Thiazovivin

Product overview

Name Thiazovivin Cat No HB3240 **Biological action** Inhibitor >97% **Purity**

Description Rock inhibitor. Improves hESCs survival and fibroblast reprogramming efficiency and iPSCs induction.

Biological Data

Biological description Rock inhibitor. When used with SB431542 and PD 0325901 it enhances efficiency of fibroblast

reprogramming to iPSCs. It also improves hESCs survival.

Solubility & Handling

Solubility overview Soluble in DMSO (100mM)

-20°C Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not **Important**

for human or veterinary use.

Chemical Data

Chemical name N-Benzyl-[2-(pyrimidin-4-yl)amino]t hiazole-4-carboxamide

Molecular Weight 311.36

Chemical structure

Molecular Formula $C_{15}H_{13}N_5OS$ **CAS Number** 1226056-71-8 **PubChem identifier** 46209426

O=C(NCC3=CC=CC=C3)C1=CSC(NC2=CC=NC=N2)=N1 **SMILES** InChiKey DOBKQCZBPPCLEG-UHFFFAOYSA-N