

## Thiazovivin, GMP Grade

Cat. No. Thiazovivin-19    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Thiazovivin (GMP) is Thiazovivin produced by using GMP guidelines. GMP small molecules work appropriately as an auxiliary reagent for cell therapy manufacture.
<b>Description</b>	Thiazovivin is a potent ROCK inhibitor.
<b>Form</b>	Solid, White to light yellow
<b>Target</b>	ROCK
<b>In Vitro</b>	Thiazovivin (GMP) (0.5 $\mu$ M, at 1 day) promotes rapid and efficient reprogramming of mouse tail tip and embryonic fibroblasts into iPSCs. Thiazovivin (GMP) enhances the efficiency in reprogramming endometrial adult stromal cells to iPSCs. Thiazovivin (GMP) (2 $\mu$ M) induces iPSCs and induced neural stem cells (iNSCs) from human urine cells (UCs). Thiazovivin (GMP) (2 $\mu$ M, for the first 24 h) improves growth rate of hiPSCs. Thiazovivin (GMP) (0.5 $\mu$ M) together with SB431542 and PD0325901 promotes iPSC reprogramming by regulating cell-cell interactions.
<b>CAS</b>	1226056-71-8
<b>Formula</b>	C <sub>15</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub>
<b>Molecular Mass</b>	311.36
<b>Storage</b>	4 centigrade, sealed storage, away from moisture and light

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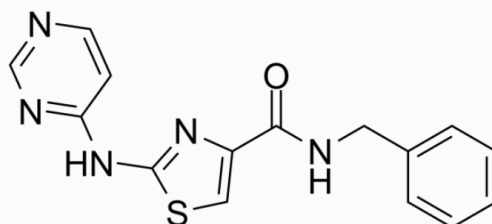
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## GENE INFORMATION

**Pathway** Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad

**Synonyms** Thiazovivin

**Chemical Structure**



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