

Y-27632 dihydrochloride, GMP Grade

Cat. No. Y-27632 dihydrochloride-06 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Y-27632 dihydrochloride (GMP) is the GMP level of Y-27632 dihydrochloride. GMP guidelines are used to produce Y-27632 dihydrochloride (GMP). GMP small molecules works appropriately as an auxiliary reagent for cell research manufacture.
Description	Y-27632 dihydrochloride is an orally active and ATP-competitive ROCK (Rho-kinase) inhibitor with antiepileptic effect.
Form	Powder, White to off-white
Target	ROCK
In Vitro	Y-27632 dihydrochloride (GMP) (2 μ M; 4-8 days) increases the survival rate and enhances reprogramming of mouse fibroblasts directly converted into neuronal cells. Y-27632 dihydrochloride (GMP) induces the conversion of human fibroblasts into functional cardiomyocytes. Y-27632 dihydrochloride (GMP) induces the conversion of fibroblasts into human induced pluripotent stem cells (hiPSCs). Y-27632 dihydrochloride (GMP) (2-10 μ M) promotes the proliferation of human EPS cells and induces the conversion of primed hPSCs into hEPS cells. Y-27632 dihydrochloride (GMP) (10 μ M) induces human EPS cells derived from blastocysts.
Solubility Data	H ₂ O: 100 mg/mL (312.25 mM; Need ultrasonic)
CAS	129830-38-2
Formula	C ₁₄ H ₂₃ Cl ₂ N ₃ O

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Molecular Mass	320.26
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Storage	At -20 centigrade, sealed storage, away from moisture and light.
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Shipping	Shipping with dry ice.
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GENE INFORMATION

Pathway	Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad
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Synonyms	Y-27632 dihydrochloride
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Chemical Structure	
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