

Y-27632 (hydrochloride)

Cat# C4001 – 5 mg

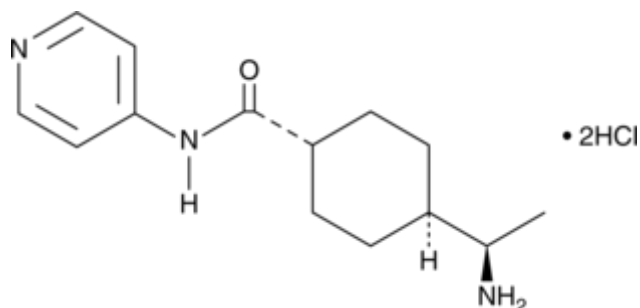
Storage at -20°C.

INFORMATION

Description: Y-27632 is an ATP-competitive inhibitor of ROCK-I and ROCK-II, with K_i of 220 nM and 300 nM for ROCK-I and ROCK-II, respectively, which primes human induced pluripotent stem cells (hIPSCs) to selectively differentiate towards mesendodermal lineage via epithelial-mesenchymal transition-like modulation.

CAS: 129830-38-2**M.W.:** 320.26**Formula:** $C_{14}H_{21}N_3O \cdot 2HCl$ **Appearance:** White powder**Purity:** >99%**Solubility:** Soluble in Water (100 mM)**Synonyms:** 4-[(1R)-1-aminoethyl]-N-4-pyridinyl-trans-cyclohexanecarboxamide, dihydrochloride

CHEMICAL STRUCTURE



PRODUCT USE LIMITATION

These products are intended for research use only.