



938 South Andreasen Drive, Suite E
Escondido, CA 92029 USA

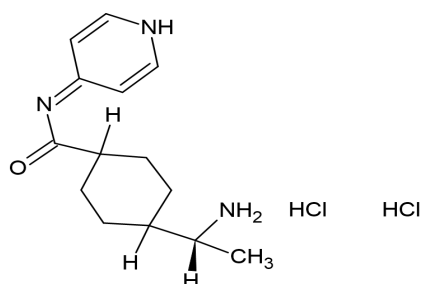
Phone: +1-760-738-1508
Fax: +1-760-738-1530
info@auroramedbiochem.com
www.auroramedbiochem.com

Y-27632 Dihydrochloride

ALTERNATE NAME: 4-[(1*R*)-1-aminoethyl]-*N*-pyridin-4-ylcyclohexane-1-carboxamide;dihydrochloride

CATALOG #: AUR11260

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₂₁N₃O.2HCl

MOLECULAR WEIGHT: 320.26

CAS#: 129830-38-2

APPEARANCE: White solid

SOLUBILITY: DMSO (>30 mg/ml) or Water (>30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at +2-8 °C. Protect from air and moisture

DESCRIPTION: Y-27632 dihydrochloride is a selective ROCK inhibitor (K_i values are 0.14-0.22, 0.3, 25, 26 and > 250 μ M for ROCK1 (p160 ROCK), ROCK2, PKA, PKC and MLCK respectively). Also inhibits PRK2 (IC_{50} = 600 nM). Increases survival rate of human embryonic stem (hES) cells and iPSC undergoing cryopreservation

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure