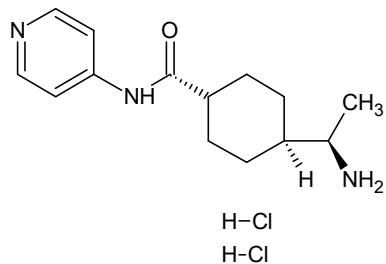


## Y-27632, Dihydrochloride

CATALOG #: 1596-1 1 mg  
 1596-5 5 mg  
 1596-50 50 mg

LOT #: \_\_\_\_\_

STRUCTURE:



MOLECULAR FORMULA: C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O·2HCl

MOLECULAR WEIGHT: 320.26

CAS 129830-38-2

APPEARANCE: Solid

Solubility: Water or Phosphate Buffer (100 mM)

PURITY: ≥99% by HPLC

STORAGE: Keep cool and dry. Store at -20° C

DESCRIPTION: Selective inhibitor of the Rho-associated protein kinase p160ROCK. Ki values are 0.14, 26, 25 and >250 μM for p160ROCK, PKC, cAMP-dependent protein kinase and myosin light-chain kinase, respectively. Prevents apoptosis as well as enhance the survival and cloning efficiency of dissociated human embryonic stem cells (hES) without affecting their pluripotency.

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

### RELATED PRODUCTS:

- BIO (Cat. No. 1673-1)
- CHIR CHIR99021 (Cat. No. 1677-5, 25)
- GSK-3 Inhibitor, TWS119 (Cat. No. 1655-2)
- PD-0325901 (Cat. No. 1643-2)
- Pyrintegrin (Cat. No. 1629-1,5)
- EZSolution™ Pyrintegrin (Cat. No. 1737-1)
- SB-431542 (Cat. No. 1674-1)
- Thiazovivin (Cat. No. 1681-1,5)
- EZSolution™ Thiazovivin (Cat. No. 1736-1)
- Y-27632, 2HCl (Cat. No. 1596-1,5,50)

**FOR RESEARCH USE ONLY! Not to be used in humans.**