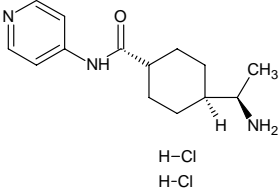


# Y-27632, dihydrochloride

trans-4-[(1R)-1-Aminoethyl]-N-4-pyridinylcyclohexanecarboxamide dihydrochloride

## Instruction Manual

Catalog Number	PK-CA577-1596-1
Description	Selective inhibitor of the Rho-associated protein kinase p160ROCK. Ki values are 0.14, 26, 25 and >250 $\mu$ M 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.
Quantity	1 mg
Sequence / Molecular Weight / Molecular Formula	320.26 Da; C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O•2HCl
Chemical Structure	 <p>H-Cl H-Cl</p>
Purity	≥99% as determined by HPLC
Appearance / Formulation / Solubility	Solid; soluble in water or phosphate buffer (100 mM).
Storage & Stability	Store at -20°C. Keep cool and dry.
Applications	see Description
References	
Caution	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.