

## Y-27632 dihydrochloride

Catalog No: #S1725

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Y-27632 dihydrochloride
Brief Description	Inhibitors
Purification	99.97%
Target Name	ROCK inhibitor
Calculated MW	320.26
Formulation	C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Other  
SMILES: C[C@H](C1CCC(CC1)C(=O)NC2=CC=NC=C2)N.Cl  
CI Pathways: Cell Cycle/Checkpoint; Stem Cells  
Receptor: ROCK1 (p160ROCK); ROCK2  
Boiling pt: Melting pt: Solubility: Water: 14 mg/mL (43.71 mM); DMSO: 64 mg/mL warmed (199.83 mM)  
Appearance: White Powder  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Uehata M, et al. Nature, 1997, 389(6654), 990-994.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.