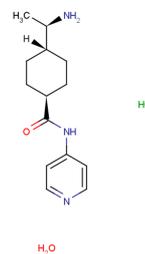


Y27632 HCl hydrate

Chemical Properties

CAS No. :	331752-47-7
Formula:	C ₁₄ H ₂₅ Cl ₂ N ₃ O ₂
Molecular Weight:	338.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Y27632 is a selective ROCK inhibitor, which inhibits ET-1-induced increases in natriuretic peptide production, cell size, protein synthesis, and myofibrillar organization. Y27632 prevents dimethylnitrosamine-induced hepatic fibrosis in rats, increases apoptosis and disrupts the actin cortical mat in embryonic avian corneal epithelium, affects initial heart myofibrillogenesis in cultured chick blastoderm, promotes the proliferation and cell cycle progression of cultured astrocyte from spinal cord.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9562 mL	14.7811 mL	29.5622 mL
5 mM	0.5912 mL	2.9562 mL	5.9124 mL
10 mM	0.2956 mL	1.4781 mL	2.9562 mL
50 mM	0.0591 mL	0.2956 mL	0.5912 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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