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## Y-27632

产品编号: D50711

CAS: 146986-50-7

分子式: C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O

纯度: ≥98%

InChi: InChi=1S/C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O/c1-10(15)11-2-4-12(5-3-11)14(18)17-13-6-8-16-9-7-13/h6-12H,2-5,15H2,1H3,(H,16,17,18)/t10-,11-,12-/m1/s1

InChi Key: IYOZTVGMEWJPKR-IJLUTSLNSA-N

Smiles: C[C@@H](N)[C@@H]1CC[C@H](CC1)C(=O)NC1C=CN=CC=1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100mM

保存条件: Store in dry, dark place for one year.

产品介绍: Y-27632 is a widely used, selective inhibitor of the Rho-associated protein kinase p160ROCK with a K<sub>i</sub> value at ~ 0.14 μM. In many studies, it was shown and used to enhance the survival and cloning efficiency of many primary cell types after single cell dissociation without affecting their self-renewal properties, including hESC/iPSCs, neural stem cells, intestinal stem cells, and mammary epithelial cells.