Product Data Sheet

Product Name: Y-27632
CAS No.: 146986-50-7
Cat. No.: HY-10071
MWt: 247.34
Formula: C14H21N3O
Purity: >98%

Solubility: H.O (100 mM) or PBS (100 mM)

Mechanisms: Pathways:Cell Cycle/DNA Damage; Target:ROCK
Pathways:TGF-beta/Smad; Target:ROCK

Biological Activity:
Y-27632 is ROCK inhibitor, as a novel bronchodilator. Y-27632 is available with IC50 of 3.3±0.25 μM and 2.8±0.2 μM in human and rabbit tissues, respectively.

References:
[4]. Sharma R, George A, Chauhan MS, Singla S, Manik RS, Palta P.ROCK inhibitor Y-27632 enhances the survivability of dissociated buffalo (Bubalus bubalis) embryonic stem c...

Caution: Not fully tested. For research purposes only

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