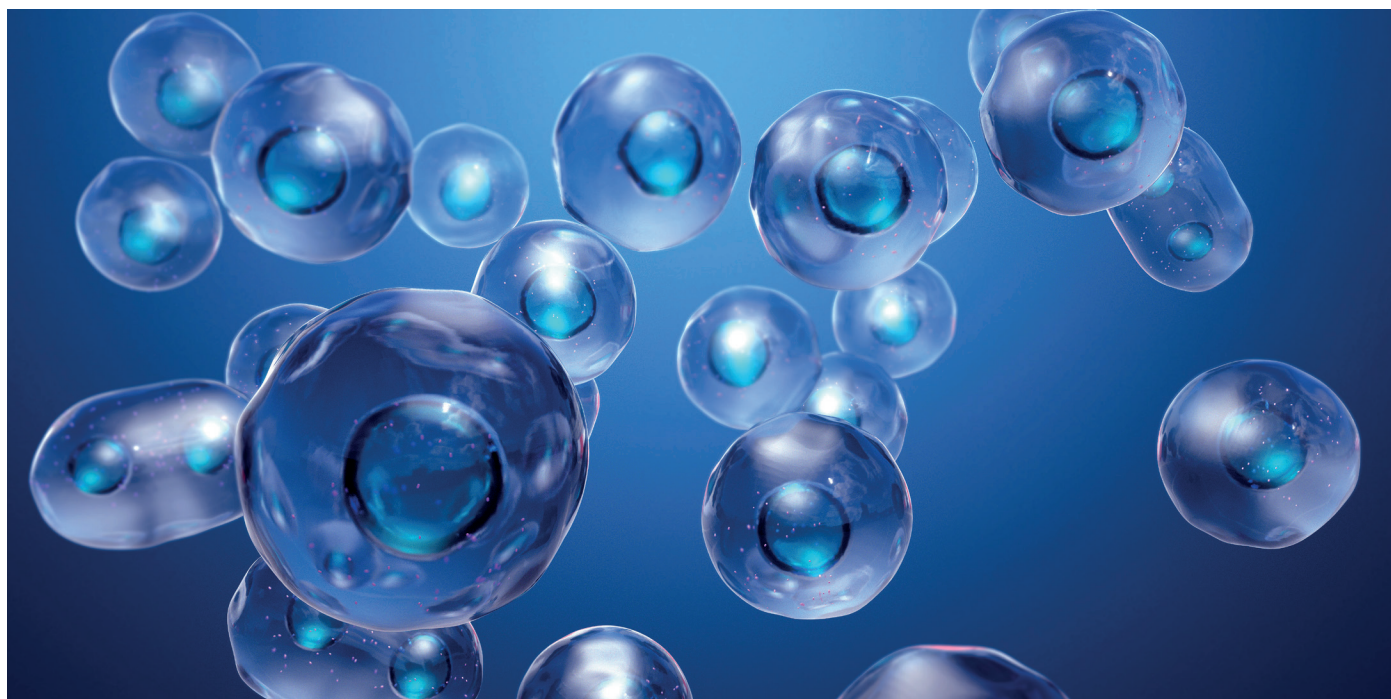


Y-27632

Overview



+ Description

Y-27632 is a highly potent, selective and cell-permeable inhibitor of Rho-associated coiled-coil protein kinase (ROCK).

This inhibitor prevents the induction of the apoptosis and enhances the cell survival even in serum-free suspension cultures. Furthermore, Y-27632 increases the cloning efficiency of dissociated human embryonic and stem cells (ES cells) without affecting their self-renewal properties or pluripotency. The inhibitor also enhances the survival of ES cell-derived neural precursor cells which can be used for improving the regeneration of cryopreserved human iPS cells.

Y-27632 can be applied as supplement for cell cultures.

This product is for research use only.

+ Features

- » Enhanced cell survival after cryopreservation
- » Improved cloning efficiency of human ES and iPS cells
- » Purity > 98% (HPLC)



+ Technical Data

- » Appearance: lyophilized
- » Most stable at pH value 6.0 and virtually stable at pH value 5.5 - 10.0

Ordering Information

Wako Code	Product name	Storage condition	Package size
030-24021	CultureSure® Y-27632	Keep at -20°C	1 mg
036-24023	CultureSure® Y-27632	Keep at -20°C	5 mg
034-24024	CultureSure® Y-27632	Keep at -20°C	25 mg
030-24026	CultureSure® Y-27632	Keep at -20°C	100 mg
039-24591	CultureSure® 10 mmol/L Y-27632 Solution	Keep at -20°C	300 µL
035-24593	CultureSure® 10 mmol/L Y-27632 Solution	Keep at -20°C	1 mL
259-00613	Y-27632, MF	Keep at -20°C	5 mg
257-00614	Y-27632, MF	Keep at -20°C	25 mg

Listed products are intended for laboratory research use only, and not to be used for drug, food or human use. / Please visit our online catalog to search for other products from FUJIFILM Wako; <https://labchem-wako.fujifilm.com> / This leaflet may contain products that can not be exported to your country due to regulations. / Bulk quote requests are welcome. Please contact us.

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