

Stem Cells Survival

Y-27632 dihydrochloride

Enhances stem cell survival and proliferation in culture.¹ Improves freeze/thaw survival rate for embryonic stem cells.² ROCK inhibitor.

Product No: 10-2301 **5 mg** **25 mg**

Chroman 1

Promotes cytoprotective cell survival in human pluripotent stem cells as part of the CEPT chemical cocktail.³ Rock II inhibitor.

Product No: 10-4912 **1 mg** **5 mg**

Emricasan

Promotes cytoprotective cell survival in human pluripotent stem cells as part of the CEPT chemical cocktail.³ pan-Caspase inhibitor.

Product No: 10-4280 **5 mg** **25 mg**

HA-100 2HCl

Multi-kinase inhibitor that improves single cell survival and supports high cloning efficiency in human pluripotent stem cells.⁴

Product No: 10-1609 **5 mg** **25 mg**

ISRIB

Promotes cytoprotective cell survival in human pluripotent stem cells as part of the CEPT chemical cocktail.³ Integrated stress response inhibitor.

Product No: 10-1539 **5 mg** **25 mg**

Minocycline HCl

Positively affects endogenous neural stem cell survival both *in vitro* and *in vivo*.⁵

Product No: 10-2568 **100 mg** **500 mg**

NQDI-1

ASK1 inhibitor that promotes the survival of induced pluripotent stem cells.⁶

Product No: 10-5144 **5 mg** **25 mg**

Fasudil HCl

ROCK inhibitor enhances the survival of neural crest cells during differentiation.⁷

Product No: 10-2137 **50 mg** **250 mg**

A939572

SCD1 inhibitor that can selectively ablate human pluripotent stem cells in the presence of progenitor and differentiated cells.⁸

Product No: 10-4639 **5 mg** **25 mg**

MitoBloCK-6

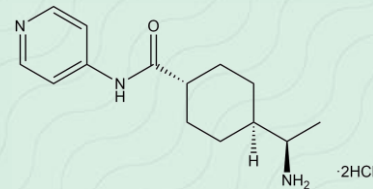
Induces apoptosis in human embryonic stem cells but not differentiated cells.⁹

Product No: 10-1472 **5 mg** **25 mg**

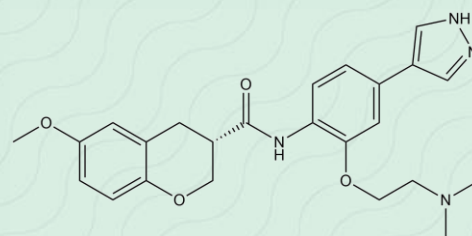
Purvalanol A

CDK inhibitor induces apoptosis in embryonic stem cells (ESCs) but not differentiated cells. Also prevents the formation of ESC tumors and induces necrosis in established ESC tumors.¹⁰

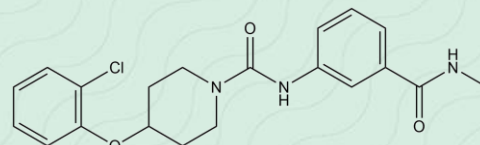
Product No: 10-2868 **5 mg** **25 mg**



Y-27632 2HCl



Chroman 1



A939572

REFERENCES

1. Gauthaman, *et al.* (2010), *Stem Cell Rev.* **6** 86
2. Li *et al.* (2008), *Stem Cells Dev.* **17** 1079
3. Gomes, *et al.* (2018), *Mol. Cancer Ther.* **9** 2530
4. Chen *et al.* (2011) *Nat. Methods* **8** 424
5. Rueger *et al.* (2012), *Neuroscience* **215** 174
6. Nomura *et al.* (2013), *Neurosci. Lett.* **18** 499
7. So *et al.* (2020), *PLoS One* **15** e0233057
8. Ben-David *et al.* (2013), *Cell Stem Cell* **12** P167
9. Dabir *et al.* (2013), *Dev. Cell* **25** 81
10. Huskey, *et al.* (2015), *Stem Cell Reports* **4** 374