

Stem Cells Generation

5-Azacytidine

DNA hypomethylation reagent that increases stem cell reprogramming efficiency.¹ Enhances the efficiency of iPS cell generation.²

Product No: 10-1267 50 mg 250 mg

BAY K8644

Enables reprogramming of Act3/Klf4-transduced embryonic fibroblasts in combination with BIX-01294.³

Product No: 10-4518 5 mg 25 mg

Cordycepin

AMPK activator that maintains stem cell pluripotency and increases iPS cell generation efficiency.⁴

Product No: 10-2408 10 mg 50 mg

DZNep

Methyltransferase inhibitor that can be used in chemical cocktails to induce iPSs from somatic cells.⁵

Product No: 10-1524 1 mg 5 mg

Na Valproate

Improves stem cell reprogramming efficiency and enables efficient induction of pluripotency without introduction of the oncogene c-Myc.⁶

Product No: 10-1009 5 g

PD 325901

Induces generation of ground state iPS cells from human and rat somatic cells in combination with CHIR-99021 and A83-01.⁷

Product No: 10-2161 5 mg 25 mg

Pifithrin α

p53 inhibitor that induced pluripotency in primary bone marrow derived mesenchymal stromal cells in conjunction with SB431542 and PD325901.⁸

Product No: 10-2480 5 mg 25 mg

Purmorphamine

Part of a chemical cocktail that reprograms mouse somatic cells into pluripotent stem-like cells⁹ and human astroglial cells into functional neurons¹⁰.

Product No: 10-4622 5 mg 25 mg

RepSox

Potent ALK5 inhibitor that can replace Sox2 in reprogramming adult cells into pluripotent stem cells.¹¹

Product No: 10-4546 5 mg 25 mg

Thiazovivin

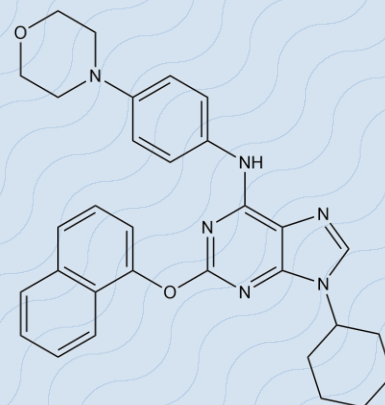
Dramatically improves the efficiency of induced pluripotent stem cell generation from human fibroblasts.¹²

Product No: 10-1191 5 mg 25 mg

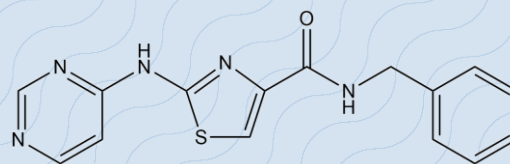
Tranylcypromine hemisulfate

Induces reprogramming of human primary keratinocytes into iPS cells in conjunction with CHIR99021.¹³

Product No: 10-4535 50 mg 250 mg



Purmorphamine



Thiazovivin

REFERENCES

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