

StemBoost™ Reprogramming Cocktail, 3i (1000X), Sterile-Filtered

Cat. No.	S247-1, 5, set
Amount:	1 ml, 5 ml, 5 x 1 ml
FORM:	Liquid
STORAGE:	-20 ° C. Hygroscopic

DESCRIPTION: StemBoost™ Reprogramming Cocktail, 3i, is a convenient, sterile-filtered cocktail solution (1000X, in DMSO) containing three small molecules useful for enhancing the reprogramming efficiency of mouse embryonic fibroblasts to induced pluripotent stem cells (iPSCs). The three small molecule inhibitors are: CHIR99021 (Cat. No. 1677, 3.0 mM), PD-184352 (Cat. No. 1585, 800 µM) and SU-5402 (Cat. No. 1645, 800 µM).

Product	Cat. No.	Concentration (1000X)
CHIR99021	1677	3.0 mM
PD-184352	1585	800 µM
SU-5402	1645	800 µM

REFERENCES: Nishihara, K., *et al.* (2018). *Stem Cell Reports* **12**, 305-318.

RELATED PRODUCTS:

StemBoost™ Reprogramming Cocktail Set 2i (1000X) (Cat. No. K889-1,5, set)
DiscoveryPak™ Stem Cell Fate Regulator Set I (Cat. No. K852-3)
DiscoveryPak™ Stem Cell Fate Regulator Set II (Cat. No. K853-8)
DiscoveryPak™ Stem Cell Fate Regulator Set III (Cat. No. K854-3)
DiscoveryPak™ Stem Cell Fate Regulator Set IV (Cat. No. K855-3)
DiscoveryPak™ Stem Cell Fate Regulator Set V (Cat. No. K865-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VI (Cat. No. K866-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VII (Cat. No. K867-10)
DiscoveryPak™ Stem Cell Fate Regulator Set VIII (VC6T) (Cat. No. K887-4)
CHIR99021 (Cat. No. 1677-5, 25)
EZSolution™ CHIR99021 (Cat. No. 1748-5)
PD0325901 (Cat. No. 1643-2)
PS-48 (Cat. No. 1869-5)
Pyrintegrin (Cat. No. 1729-1,5)
EZSolution™ Pyrintegrin (Cat. No. 1737-1)
RepSox (Cat. No. 1894-5, 25)
SB-431542 (Cat. No. 1674-1)
EZSolution™ SB-431542 (Cat. No. 1872-1)
Sodium Butyrate (Cat. No. 1609-100, 1000)
Thiazovivin (Cat. No. 1681-1,5)
EZSolution™ Thiazovivin (Cat. No. 1736-1)
Tranylcypromine Hemisulfate (Parnate) (Cat. No. 1816-25,100)
Valproic Acid, Sodium Salt (Cat. No. 1647-200)
Y-27632,2 HCl (Cat. No. 1596-1, 5, 50)
EZSolution™ Y-27632, HCl (Cat. No. 1784-5)



FOR RESEARCH USE ONLY! Not to be used on humans.