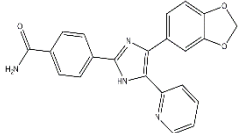
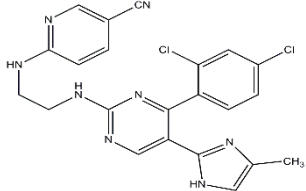
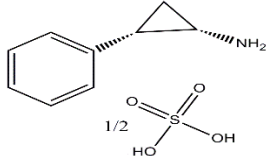
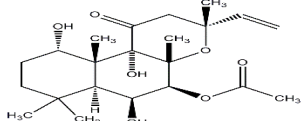


StemBoost™ Cardiac Cell Reprogramming Cocktail SCPF (100X)

CATALOG#: S243-1, 5
AMOUNT#: 1 ml, 5 ml
STORAGE: -20° C. Protect from air and light

DESCRIPTION: A convenient, sterile-filtered cocktail solution (100X, in DMSO) containing four (4) small molecules useful for reprogramming of mouse fibroblasts into cardiac cells. The four products are shown in the following table:

Product	Cat. No.	Function	Structure	Working concentration	M.W.
SB-431542	1674	ALK5 inhibitor		2 µM	384.39
CHIR99021	1677	GSK-3β inhibitor		10 µM	465.34
Parnate (Tranylcypromine Hemisulfate)	1816	Inhibitor of lysine-specific demethylase I and monoamine oxidase		2 µM	182.2
Forskolin	1531	Adenylate cyclase activator		10 µM	410.5

REFERENCES:

Wang, H., *et al.* (2014). *Cell Rep.* **6**, 951-960.

RELATED PRODUCTS:

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)
 (±) –Bay K 8644 (Cat. No. 1682-5)
 BIX01294 (Cat. No. 1678-5, 25)
 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)

FOR RESEARCH USE ONLY!

10/18



RepSox (Cat. No. 1894-5, 25)

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