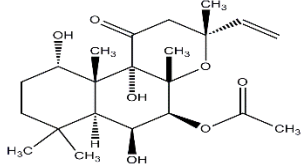
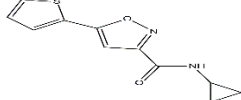
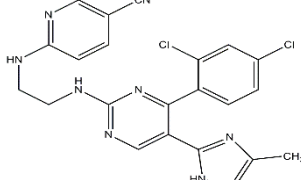
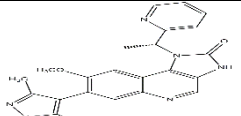


# StemBoost™ Neuronal Fate Reprogramming Cocktail FICB (10X)

**CATALOG#:** S244-1, 5  
**AMOUNT#:** 1 ml, 5 ml  
**STORAGE:** -20° C. Protect from air and light

**DESCRIPTION:** A convenient, sterile-filtered cocktail solution (10X, in DMSO) containing four (4) small molecules useful for reprogramming of mouse fibroblasts into functional neurons. The four products are shown in the following table:

Product	Cat. No.	Function	Structure	Working concentration	M.W.
Forskolin	1531	Adenylate cyclase activator		100 µM	410.5
ISX9	2563	A neurogenic differentiation inducer		20 µM	234.28
CHIR99021	1677	GSK-3β inhibitor		20 µM	465.34
I-BET151	2220	BET bromodomain inhibitor		2.0 µM	415.44

## REFERENCES:

Li, X., *et al.* (2015). *Cell Stem Cell* **17**, 195-203

## 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)  
RepSox (Cat. No. 1894-5, 25)  
Reversine (Cat. No. 1851-1, 5)  
RG 108 (Cat. No. 1679-10,30)  
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.**