

PRODUCT: StemBoost™ 2i-Reprogramming Cocktail (1000X), Sterile-Filtered

CATALOG #: K889-1ML 1 ml
 K889-5ML 5 ml
 K889-set 5 x 1 ml

STORAGE: Store at -20°C. Protect from light.

DESCRIPTION: A convenient, sterile-filtered cocktail solution (1000X, in DMSO) containing two small molecules useful for enhancing the reprogramming efficiency of human somatic cells to induced pluripotent stem cells (iPSCs). The two products are shown in the following table:

Product	Cat. No.	Concentration in the vial (1000X)
CHIR99021	1677	3.0 mM
PD0325901	1643	1.0 mM

REFERENCE: Hou, P., *et al.* (2013). *Science* **341**, 651-654.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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. K866-10)
 (±) –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)
 StemBoost™ Reprogramming Cocktail Set I (1000X), Sterile-Filtered (Cat. No. K869-1ML, 5ML, 1EA)
 StemBoost™ YPAC Cocktail Set (1000X), Sterile-Filtered (Cat. No. K871-1ML, 5ML, 1set)
 Thiazovivin (Cat. No. 1681-1,5)
 EZSolution™ Thiazovivin (Cat. No. 1736-1)
 Tranlycypromine 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)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans.*