

PRODUCT: StemBoost™ Nociceptor Induction Cocktail Set (1000X), Sterile-Filtered

ALTERNATE NAME: 3i

CATALOG #: K878-500 500 µl
K878-1000 1 ml

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

DESCRIPTION: A convenient, sterile-filtered cocktail solution (1000X, in DMSO) containing three small molecules useful to induce rapid and efficient neuronal differentiation of human pluripotent stem cells (hPSCs) into nociceptors. The three products are shown in the following table:

Product	Cat. No.	Concentration in the vial (1000X)
CHIR99021 (GSK-3β Inhibitor)	1677	3 mM
DAPT (γ-Secretase inhibitor)	1855	10 mM
SU-5402 (FGFR inhibitor)	1645	10 mM

REFERENCES: Chambers, S.M., et al. (2012). *Nat. Biotechnol.* **30**, 715-720.

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 II (1000X), Sterile-Filtered (Cat. No. K870-1ML, 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.**