PRODUCT: StemBoost™ SMAD Signaling Inhibitor Cocktail Set (1000X), Sterile-Filtered

ALTERNATE NAME: **LSB**

CATALOG #:

K877-1ML	1 ml
K877-5ML	5 ml
K877-1set	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 inhibiting SMAD signaling. Can be used to accelerate human pluripotent stem cells (hPSCs) into nociceptors. The two products are shown in the following table:

Product	Cat. No.	Concentration in the vial (1000X)
LDN193189 (BMP Inhibitor)	1995	0.1 mM
SB-431542 (ALK5 inhibitor)	1674	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)**
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)**

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

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