

## Neuronal Transdifferentiation Modulators Set I

<b>CATALOG #:</b>	K872-3
<b>AMOUNT:</b>	1 set
<b>STORAGE:</b>	Store at -20°C. Protect from air, moisture and light.
<b>SOLUBILITY:</b>	SB-431542, LDN193189 and CHIR99021 are soluble in DMSO (20 mg/ml) or Ethanol (2 mg/ml), DMSO (4.5 mg/ml) and DMSO (46.5 mg/ml) respectively.
<b>DESCRIPTION:</b>	A convenient set of three small molecule modulators (see the table below) for enhancing neuronal transdifferentiation.

Product	Cat. No.	Biological Function	Size
SB-431542	1674-1	TGF- $\beta$ 1 receptor ALK5 inhibitor.	1 mg
LDN193189	1995-1	BMP type I receptors ALK2 and ALK3 inhibitor	1 mg
CHIR99021	1677-1	GSK-3 $\beta$ inhibitor	1 mg

**REFERENCES:** Ladewig J., Mertens J. *et.al* (2012), Apr 8. *Nature Methods* doi:10.1038/nmeth.1972 [Epub ahead of print]

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

### RELATED PRODUCTS:

- Neuronal Transdifferentiation Cocktail Set II (**Cat. No. K873-2**)
- Neuronal Transdifferentiation Cocktail Set III (**Cat. No. K874-4**)
- Neuronal Transdifferentiation Cocktail Set IV (**Cat. No. K875-3**)
- SB-431542 (**Cat. No. 1674-1**)
- EZSolution™ SB-431542 (**Cat. No. 1872-1**)
- EZSolution™ SB-431542, sterile filtered (**Cat. No. 1992-1**)
- LDN193189 (**Cat. No. 1995-5, 25**)
- CHIR99021 (**Cat. No. 1677-5, 25**)
- EZSolution™ CHIR99021 (**Cat. No. 1748-5**)
- EZSolution™ CHIR99021, sterile filtered (**Cat. No. 1991-1**)
- Noggin, human recombinant (**Cat. No. 4675-20, 100, 1000**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**