

Stem Cell Signaling Compound Library

Cat. No.: HY-L017

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
Stem Cell Signaling Compound Library	HY-L017	172	30 µL/well, 50 µL/well, 100 µL/well, 250 µL/well (10 mM solution)

- A unique collection of 172 small molecule inhibitors with biological activity used for stem cell regulatory and signaling pathway research.
- Targets such as GSK-3, Hedgehog, Notch, JAK, ROCK, Wnt, γ -secretase, Casein Kinase, etc.
- A powerful tool for researching the mechanism behind stem cells, regenerative therapy, drug screening based on tumor stem cells, as well as other pharmaceutical and biological applications.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some protein kinase inhibitors have been approved by FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Rich documentation with structure, IC₅₀, and customer reviews.
- NMR and HPLC validated to ensure the highest purity.
- All compounds are in stock and continuously updated.

Targets Included in Stem Cell Signaling Compound Library:

Casein Kinase	ERK	Gli	GSK-3	Hedgehog	Hippo (MST)
JAK	Notch	Oct3/4	PKA	Porcupine	ROCK
sFRP-1	Smo	STAT	TGF-beta/Smad	Wnt	YAP
β -catenin	γ -secretase				

Publications Citing Use of MCE Stem Cell Signaling Library Compounds:

Nature. 2017 May 18;545(7654):355-359.

Nat Med. 2016 May;22(5):547-56.

Mol Cell. 2017 Mar 2;65(5):873-884.e8.

Hepatology. 2016 Jul;64(1):175-88.

Blood. 2016 Dec 8;128(23):2642-2654.

Blood. 2014 Dec 18;124(26):3924-31.

Blood. 2013 Nov 21;122(22):3628-31.

J Allergy Clin Immunol. 2017 Mar;139(3):987-996.

Nat Commun. 2017 Jun 12;8:15773.

J Exp Med. 2016 Dec 12;213(13):2989-3005.

Leukemia. 2012 Oct;26(10):2233-44.

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Customize Library

You can select:

- ✓ Specific Compounds
- ✓ Quantities
- ✓ Plate Map
- ✓ Concentration
- ✓ Format (Dry/Solid or DMSO Solution)