

PI3K/Akt/mTOR Compound Library

Cat. No.: HY-L015

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
PI3K/Akt/mTOR Compound Library	HY-L015	158	30 µL/well, 50 µL/well, 100 µL/well, 250 µL/well (10 mM solution)

- A unique collection of **158** small molecule inhibitors used for PI3K/Akt/mTOR pathway research.
- Targets such as **Akt, AMPK, DNA-PK, PDK-1, mTOR, PI3K, PTEN**, etc.
- A valuable tool for studying PI3K/Akt/mTOR-related survival, proliferation, and apoptosis of cells and related diseases.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some inhibitors have been approved by the FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Rich documentation with structure, IC₅₀, and summary.
- NMR and HPLC validated to ensure high purity.
- All compounds are in stock and continuously updated.

Targets Included in PI3K/Akt/mTOR Compound Library:

Akt	AMPK	ATM/ATR	DNA-PK	GSK-3	MELK
mTOR	PDK-1	PI3K	PI4K	PIKfyve	PTEN

Publications Citing Use of MCE PI3K/Akt/mTOR Library Compounds:

Nature. 2016 Dec 1;540(7631):119-123.
Cell. 2014 Feb 13;156(4):771-85.
Nat Med. 2016 Jul;22(7):723-6.
Nat Med. 2016 May;22(5):547-56.
Cancer Discov. 2012 May;2(5):425-33.
Cell Metab. 2012 Mar 7;15(3):382-94.
Sci Transl Med. 2013 Jul 31;5(196):196ra99.
Nat Chem Biol. 2017 Jan;13(1):38-45.
Mol Cell. 2017 Mar 2;65(5):873-884.e8.
Nat Commun. 2017 Sep 4;8(1):410.
Nat Commun. 2017 Jun 8;8:15617.
Nat Commun. 2016 Feb 2;7:10438.
Nat Commun. 2015 Oct 7;6:8501.

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Customize Library

You can select:

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