

Metabolism/Protease Compound Library

Cat. No.: HY-L012

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
Metabolism/Protease Compound Library	HY-L012	379	30 µL/well, 50 µL/well, 100 µL/well, 250 µL/well (10 mM solution)

- A unique collection of 379 Metabolism/Protease-related small molecules for high throughput screening (HTS) and high content screening (HCS).
- Targets such as PDE, Cytochrome P450, HMG-CoA Reductase, DPP4, Proteasome, HCV Protease, IDO, Cathepsin, MMP, etc.
- A useful tool for drug discovery of metabolism-related diseases.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some inhibitors have been approved by FDA.
- Structurally diverse, medicinally active, and cell permeable.
- More detailed compound information with structure, IC₅₀, and brief introduction.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock and continuously updated.

Targets Included in Metabolism/Protease Compound Library:

15-PGDH	5 alpha Reductase	5-Lipoxygenase	Adenosine Deaminase
Aldehyde Dehydrogenase (ALDH)	Aldose Reductase	Aminopeptidase	Angiotensin-converting Enzyme (ACE)
Carbonic Anhydrase	Carboxypeptidase	Cathepsin	DGAT
Cytochrome P450	Dipeptidyl Peptidase	Elastase	E1/E2/E3 Enzyme
FAAH	Factor Xa	Farnesyl Transferase	Fatty Acid Synthase (FAS)
Glucokinase	HCV Protease	HIF/HIF Prolyl-Hydroxylase	HIV Integrase
HIV Protease	HMG-CoA Reductase (HMGCR)	HSP	Indoleamine 2,3-Dioxygenase (IDO)
Isocitrate Dehydrogenase (IDH)	MAGL	MMP	Nampt
PAI-1	Phosphodiesterase (PDE)	Procollagen C Proteinase	Proteasome
Pyruvate Dehydrogenase	Renin	Ser/Thr Protease	Stearoyl-CoA Desaturase (SCD)
Thrombin	Tryptophan Hydroxylase	Tyrosinase	Xanthine Oxidase ...

Publications Citing Use of MCE Metabolism/Protease Library Compounds:

Nature. 2012 Jan 22;482(7383):116-9.

Science. 2016 Apr 1;352(6281):54-61.

Cell Stem Cell. 2017 May 4;20(5):621-634.e6.

Cell Stem Cell. 2016 Sep 1;19(3):326-40.

Immunity. 2016 Oct 18;45(4):944.

Cell Metab. 2017 Jan 10;25(1):73-85.

Hepatology. 2016 Apr;63(4):1272-86.

J Clin Invest. 2017 Apr 3;127(4):1517-1530.

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Customize Library

You can select:

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