Membrane Transporter/Ion Channel Compound Library

Cat. No.: HY-L011

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
Membrane Transporter/Ion Channel Compound Library	HY-L011	328	30 μL/well, 50 μL/well, 100 μL/well, 250 μL/well (10 mM solution)

- A unique collection of **328** small molecule modulators used for Ion Channel and Membrane Transporter research.
- The library contains compounds targeting Membrane Transporters including **Pgp**, **CRM1**, **BCRP**, etc., and Ion Channels including **CFTR**, **proton pump**, **sodium pump**, **calcium pump**, etc.
- A useful tool for the research of drug absorption and distribution.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some inhibitors have been approved by FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Rich documentation with structure, IC_{50}, and summary.
- NMR and HPLC validated to ensure high purity.
- All compounds are in stock and continuously updated.

Targets Included in Membrane Transporter/Ion Channel Compound Library:

ATP Synthase	BCRP	Calcium Channel	CFTR	Chloride Channel
CRAC Channel	CRM1	EAAT2	GABA Receptor	GlyT
HCN Channel	iGluR	Monoamine transporter	Monocarboxylate Transporter	Na^+/Ca^{2+} Exchanger
Na^+/HCO^{3-} Cotransporter	Na^+/K^+ ATPase	nAChR	NKCC	P-glycoprotein
P2X Receptor	Potassium Channel	Proton Pump	SGLT	Sodium Channel
TRP Channel	URAT1	VDAC		

Publications Citing Use of MCE Membrane Transporter/Ion Channel Library Compounds:

Cancer Cell. 2017 Apr 10;31(4):501-515.e8.

Nat Commun. 2016 Sep 15;7:12840.

EMBO Rep. 2016 Oct;17(10):1422-1430.

Diabetologia. 2017 Mar;60(3):568-573.

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Customize Library

You can select:

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