GPCR/G Protein Compound Library

Cat. No.: HY-L006

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
GPCR/G Protein Compound Library	HY-L006	591	30 μL/well, 50 μL/well, 100 μL/well, 250 μL/well (10 mM solution)

- A unique collection of **591** small molecules targeting **G protein coupled receptors** used in GPCR screening for various research and drug development projects.
- Targets such as **5-HT Receptor**, **Dopamine Receptor**, **Opioid Receptor**, **Adrenergic Receptors**, **Cannabinoid Receptor**, **mGluR**, **ETA Receptor**, etc.
- The most successful class of drugable targets in the human genome and remain the most attractive family of targets.
- All of the small molecules in the GPCR library are well characterized with biological and pharmaceutical activity. Some compounds have been approved by the FDA.
- A powerful tool for discovering GPCR-based drugs that are the richest signal receptor targets for drug discovery.
- Structurally diverse, medicinally active, and cell permeable.
- Rich documentation with structure, IC_{50}, and brief introduction.
- NMR and HPLC validated to ensure the highest purity.
- All compounds are in stock and continuously updated.

Targets Included in GPCR/G Protein Compound Library:

5-HT Receptor	Adenosine Receptor	Adiponectin Receptor	Adrenergic Receptor	Angiotensin Receptor
Bombesin Receptor	Bradykinin Receptor	Cannabinoid Receptor	CaSR	CCR
CGRP Receptor	Cholecystokinin Receptor	CRTH2 (GPR44)	CXCR	Dopamine Receptor
EBI2/GPR183	Endothelin Receptor	GHSR	Glucagon Receptor	Glucocorticoid Receptor
GNRH Receptor	GPCR19	GPR109A	GPR119	GPR120
GPR139	GPR40	GPR55	GPR84	Histamine Receptor
Imidazoline Receptor	Leukotriene Receptor	LPL Receptor	mAChR	Melatonin Receptor
mGluR	Motilin Receptor	Neurokinin Receptor	Neuropeptide Y Receptor	Neurotensin Receptor
Opioid Receptor	Orexin Receptor (OX Receptor)	P2Y Receptor	Prostaglandin Receptor	Protease-Activated Receptors (PARs)
Ras	RGS	Sigma Receptor	TSH Receptor	Vasopressin Receptor ...

Publications Citing Use of MCE GPCR/G Protein Library Compounds:

Nat Med. 2017 Apr 7;23(4):405-408.
J Allergy Clin Immunol. 2016 Jul;138(1):114-122.e4.
Ann Rheum Dis. 2016 Apr;75(4):730-8.
J Clin Invest. 2017 Sep 1;127(9):3402-3406.
Nat Commun. 2017 May 26;8:15584.
...

Customize Library

You can select:

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