Anti-Cardiovascular disease Compound Library

Catalog No: #L5400

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Description

Product Name	Anti-Cardiovascular disease Compound Library
Brief Description	Cardiovascular disease generally refers to all types of diseases that affect the heart or blood vessels, including coronary heart disease (clogged arteries), which can cause heart attacks, stroke, congenital heart defects and peripheral artery disease, and is the leading cause of death for men and women in the U.S. Different types of cardiovascular diseases have different mechanisms of pathogenesis. Antioxidants, lipid-lowering agents, anti-ischemic drugs, and platelet aggregation inhibitors all can reduce cardiovascular disease risk. Some natural products can inhibit the gene expression of cell adhesion molecules, cytokine, and chemokine, inhibit the function of platelet, enhance the release of nitric oxide by endothelial cells, and inhibit the contraction of smooth muscle. A unique collection of 515 cardiovascular diseases related compounds by SAB can be used for cardiovascular diseases related research and high throughput and high content screening for new drugs
Storage	Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcodeShipped with blue ice; Stable for One year as powder, 6 months at - 20 ° C in DMSO or 12months at -80 ° C in DMSO

Application Details

Number of Compounds:515

Product Description

A unique collection of 515 cardiovascular diseases related compounds for high throughput screening (HTS) and high content screening (HCS); Bioactivity and safety confirmed by pre-clinical research and clinical trials and most of them are approved by FDA, EMA, or CFDA; Covers various major targets including membrane transporter, ion channel, etc.; Effect tool for research in cardiovascular disease. Detailed compound information with structure, target, activity, IC50 value, and biological activity description; Structurally diverse, medicinally active, and cell permeable; NMR and HPLC validated to ensure high purity and quality

Note: This product is for in vitro research use only