

Nuclear-receptor inhibitors library

Catalog No: #L1510

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Description

Product Name	Nuclear-receptor inhibitors library
Brief Description	<p>Nuclear receptors are a class of proteins, different from membrane receptors located in the cell membrane, found within cells that are responsible for sensing steroid and thyroid hormones and certain other molecules. Nuclear receptors have the ability to directly bind to DNA and regulate the expression of adjacent genes, hence these receptors are classified as transcription factors, thereby controlling the development, homeostasis, and metabolism of the organism. Over the last 15 years a growing number of nuclear receptors have been identified that coordinate genetic networks regulating lipid metabolism and energy utilization and underlie the pathogenesis of metabolic diseases, such as obesity, type II diabetes, hypertension, and cardiovascular disease.</p> <p>SAB collects 239 reported compounds targeting nuclear receptors as Nuclear Receptor Compound Library, which can be used for research in nuclear receptor signaling and related diseases, and high throughput and high content screening for drug discovery</p>
Storage	Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcode Shipped with dry ice

Application Details

Number of Compounds: 239

Product Description

A unique collection of 239 nuclear receptor signaling targeted compounds for high throughput and high content screening; Bioactivity and safety confirmed by pre-clinical research and clinical trials; 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