

## Anti-cancer Drug library

Catalog No: #L2150

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Anti-cancer Drug library
Brief Description	<p>During the past decades, we have witnessed many landmark discoveries and successes in cancer research and therapy, however, cancer is still a major health problem for human beings, and it often physically and emotionally brings pains and difficulties to those living with it. Cancer cells remain undifferentiated (continue to divide, causing more damage, and invading new tissue), lack normal cell signaling responses (loss of contact inhibition and evasion of programmed cell death), contain abnormal changes (genetic abnormalities) in chromatin, have altered energy metabolism, and induce vascularization (ensure a steady supply of oxygen and nutrients).</p> <p>We carefully select 822 anticancer drugs including FDA approved and compounds in clinical trial phases as Anticancer Drug Library that can be used for tumor-related research and anti-tumor drug screening</p>
Storage	Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcodeShipped with dry ice

## Application Details

Number of Compounds:822

## Product Description

A unique collection of 822 anticancer drugs for high throughput screening (HTS) and high content screening (HCS); Bioactivity and safety profiled in (confirmed by) pre-clinical and clinical settings (research and trials), an effective tool for molecular mechanism of tumorigenesis, and anti-tumor drug repositioning drug discovery; Covers various major targets including PI3K, HDAC, mTOR, CDK, Aurora Kinase, JAK, etc; involved in 15 different cancer research areas, such as lung cancer, breast cancer, leukemia, lymphoma, etc. 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